



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		EDISON OPERATING COMPANY, LLC.	
Well	MALONE # 4-21		
Field	WILDCAT		
County	FORD	State	KANSAS
Company		VINCENT OIL CORP.	
Well	MALONE # 4-21		
Field	WILDCAT		
County	FORD	State	KANSAS
Location:	API # : 15-057-20952-00-00		Other Services CNL/CDL/PE DIL/MEL
Permanent Datum		GROUND LEVEL	Elevation 2433
Log Measured From		1670' FSL & 1675' FWL NE - SW - NE - SW	
Drilling Measured From		SEC 21 TWP 28S RGE 23W KELLY BUSHING 10' A.G.L. KELLY BUSHING	
Date	11/8/14		
Run Number	TWO		
Depth Driller	5260		
Depth Logger	5262		
Bottom Logged Interval	5252		
Top Log Interval	580		
Casing Driller	8 5/8" @ 608'		
Casing Logger	602'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9,900 PPM	
Density / Viscosity	9.2/74		
pH / Fluid Loss	9.0/12.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 79F		
Rmf @ Meas. Temp	0.38 @ 79F		
Rmc @ Meas. Temp	0.60 @ 79F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.31 @ 127F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	127F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	KENLEBLANC		

<<< Fold Here >>>

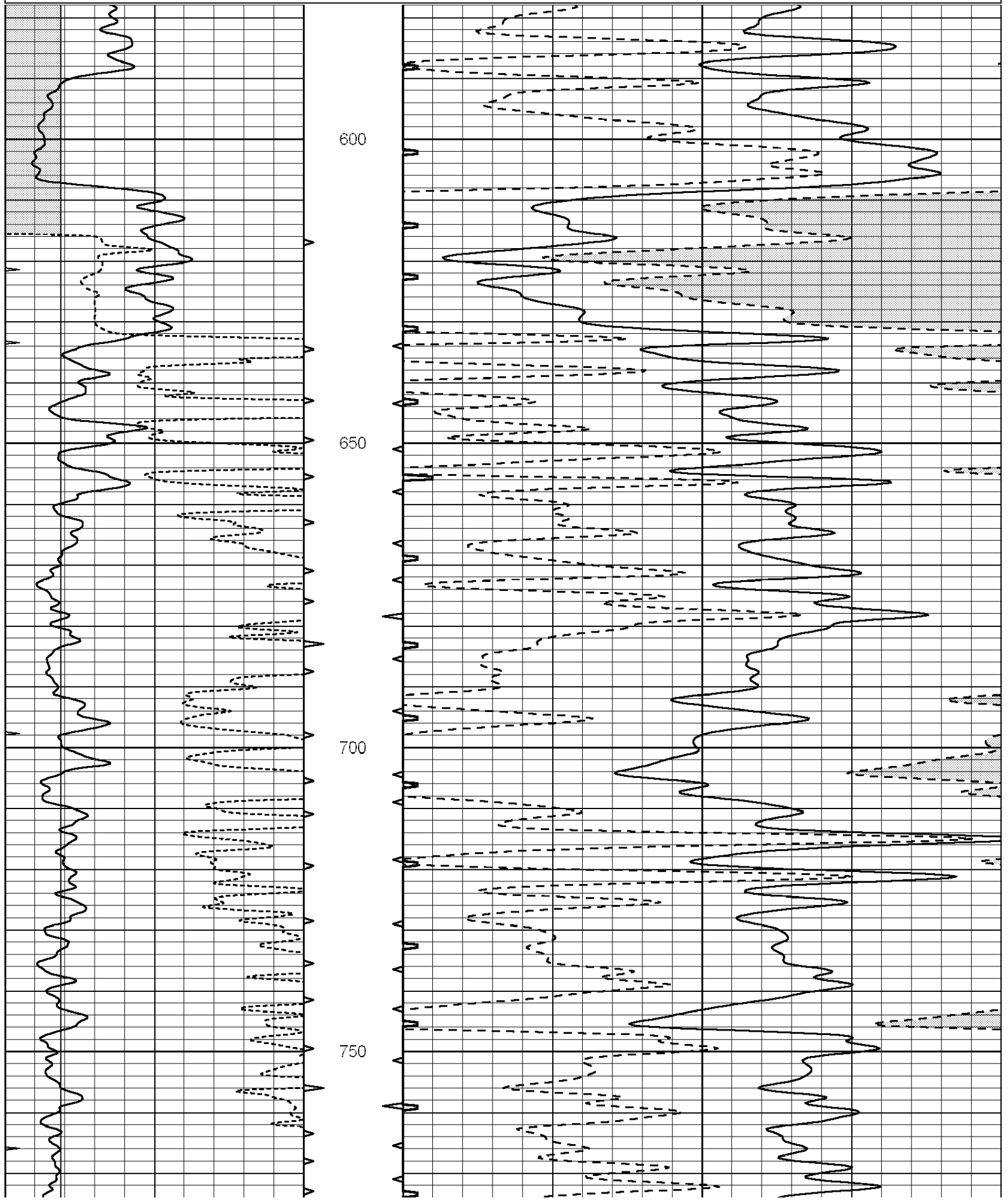
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

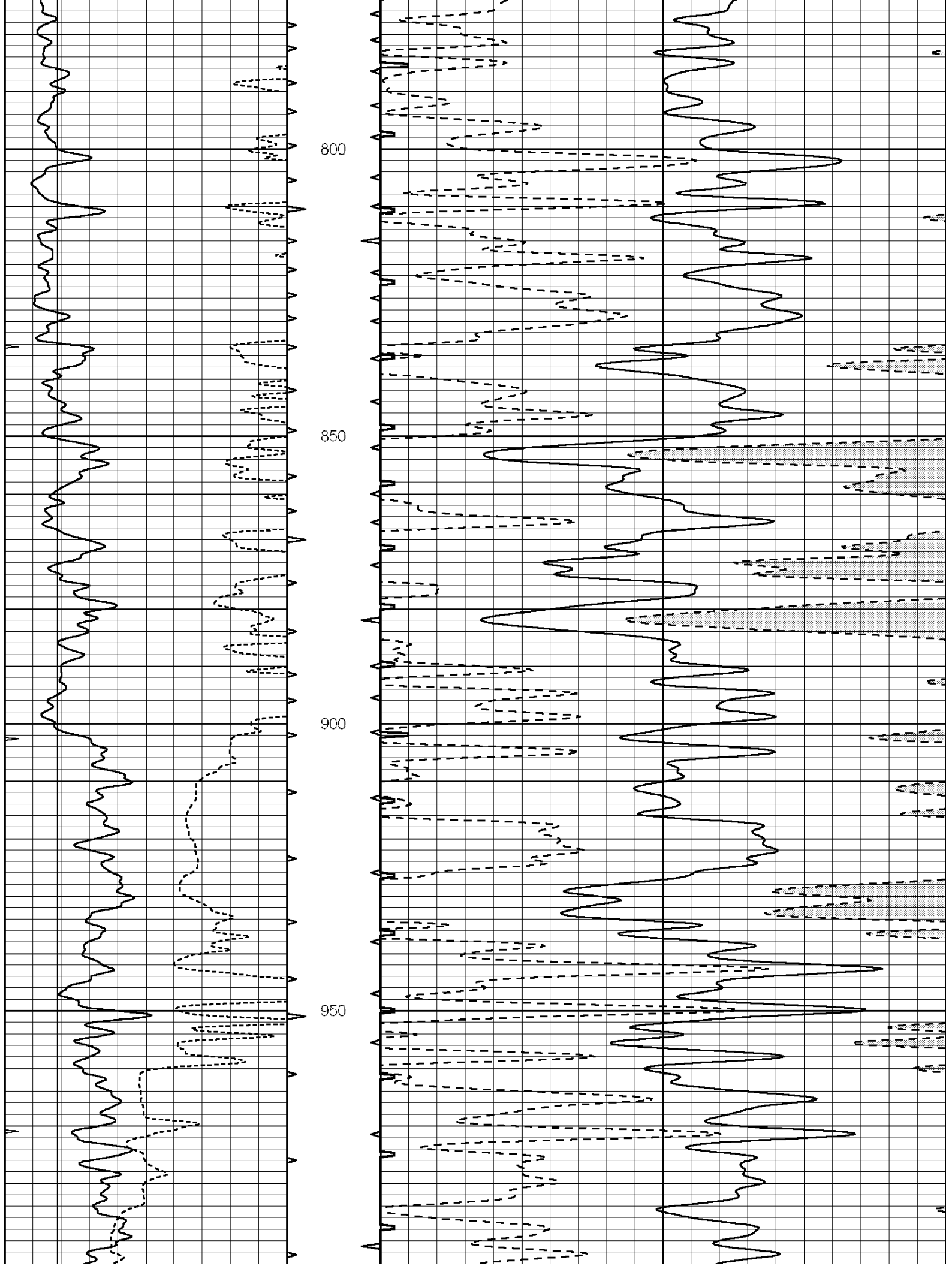
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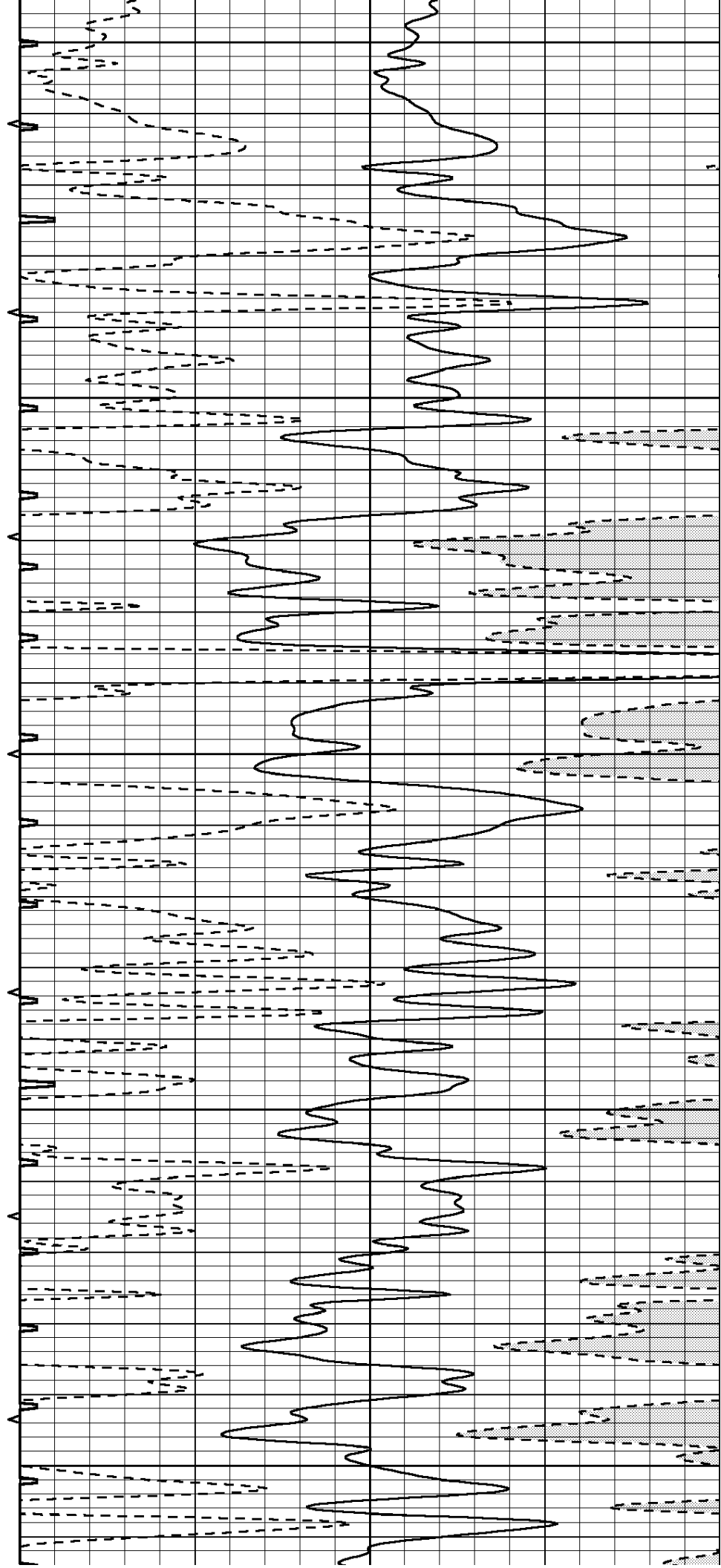
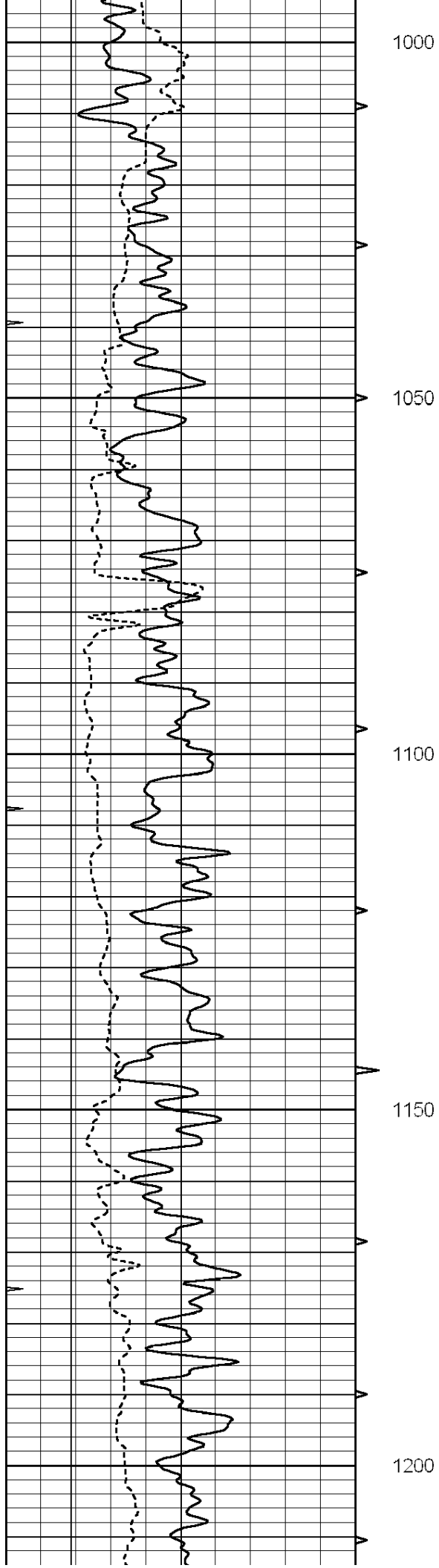
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
FORD, KS. - ON SATTLE RD. GO WEST TO RD 120 - 3 1/2 MILES SOUTH - EAST INTO

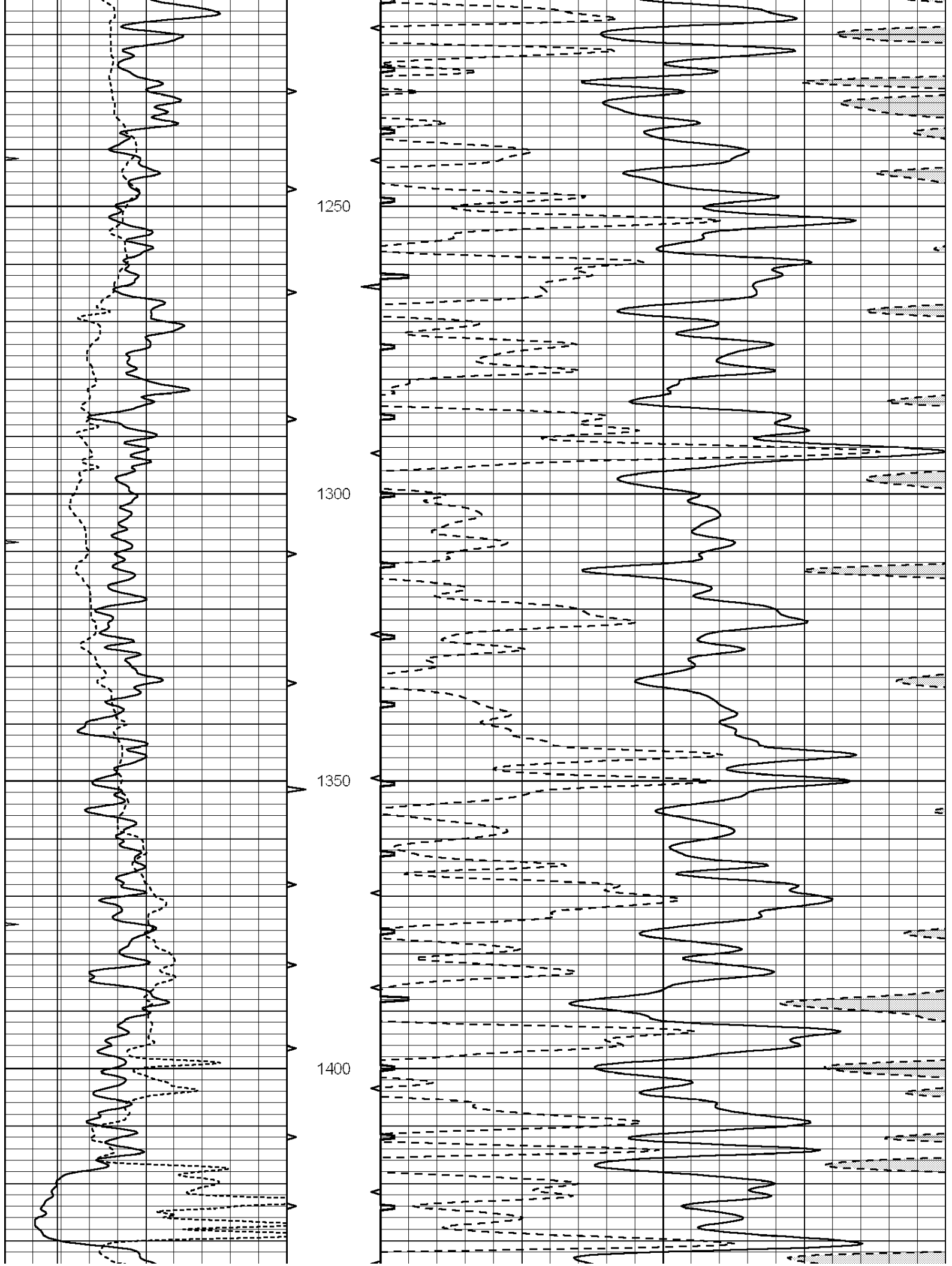
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Dataset Creation: Sat Nov 08 06:33:08 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

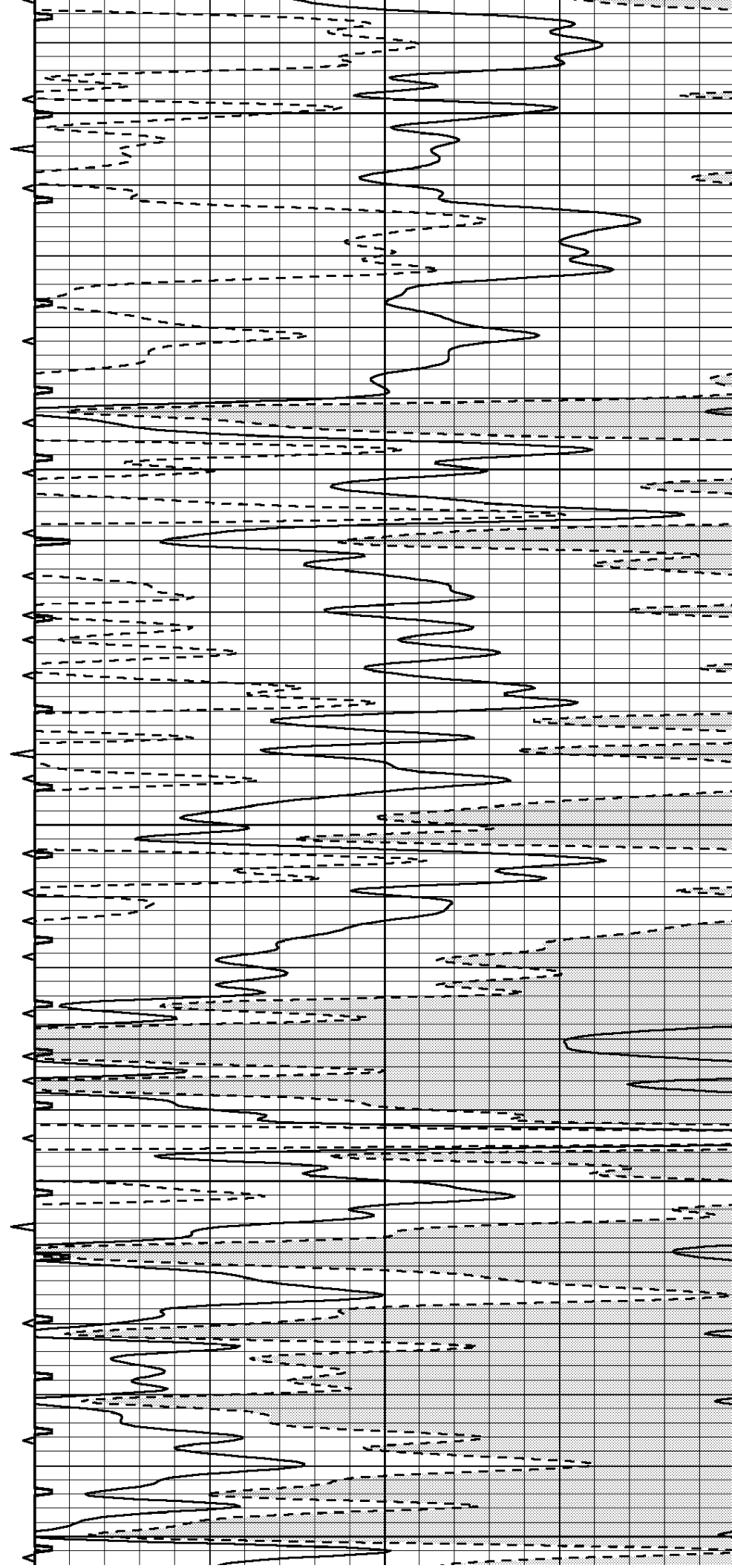
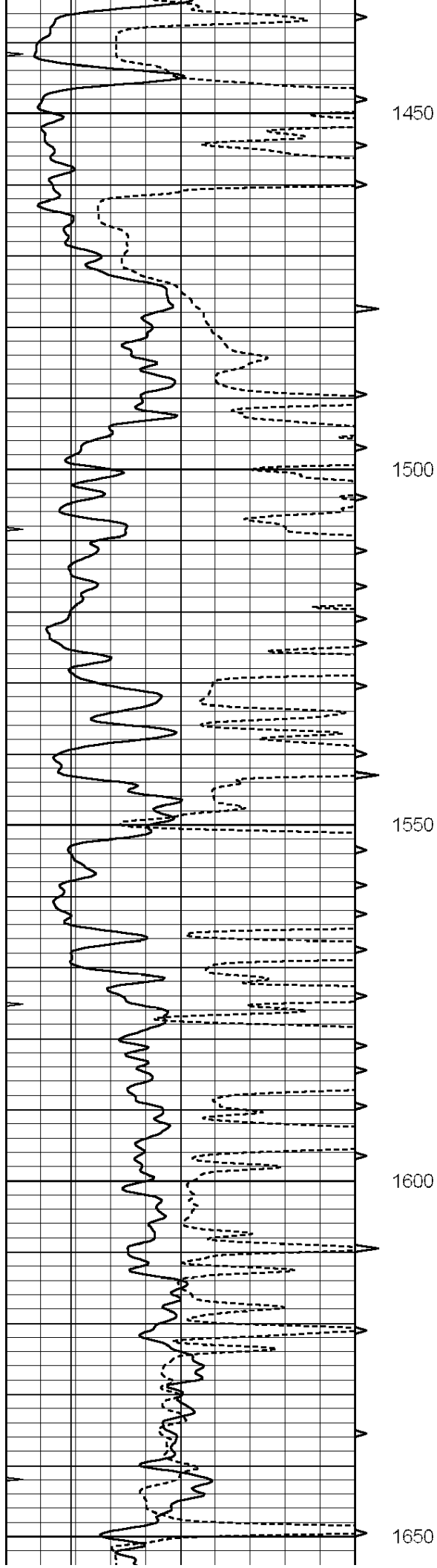
Charted by: _____		Depth in feet scaled 1:2.15				
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

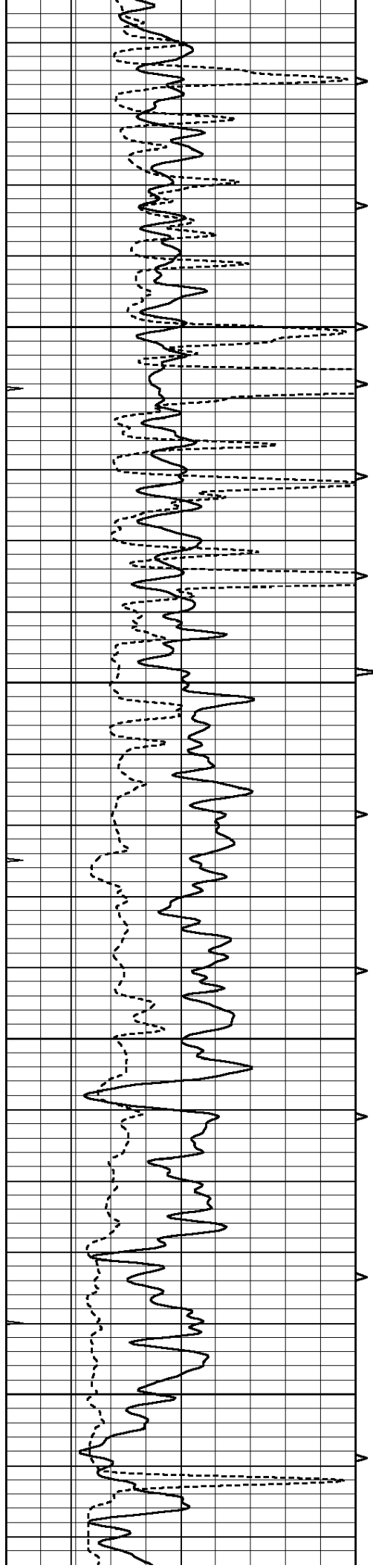










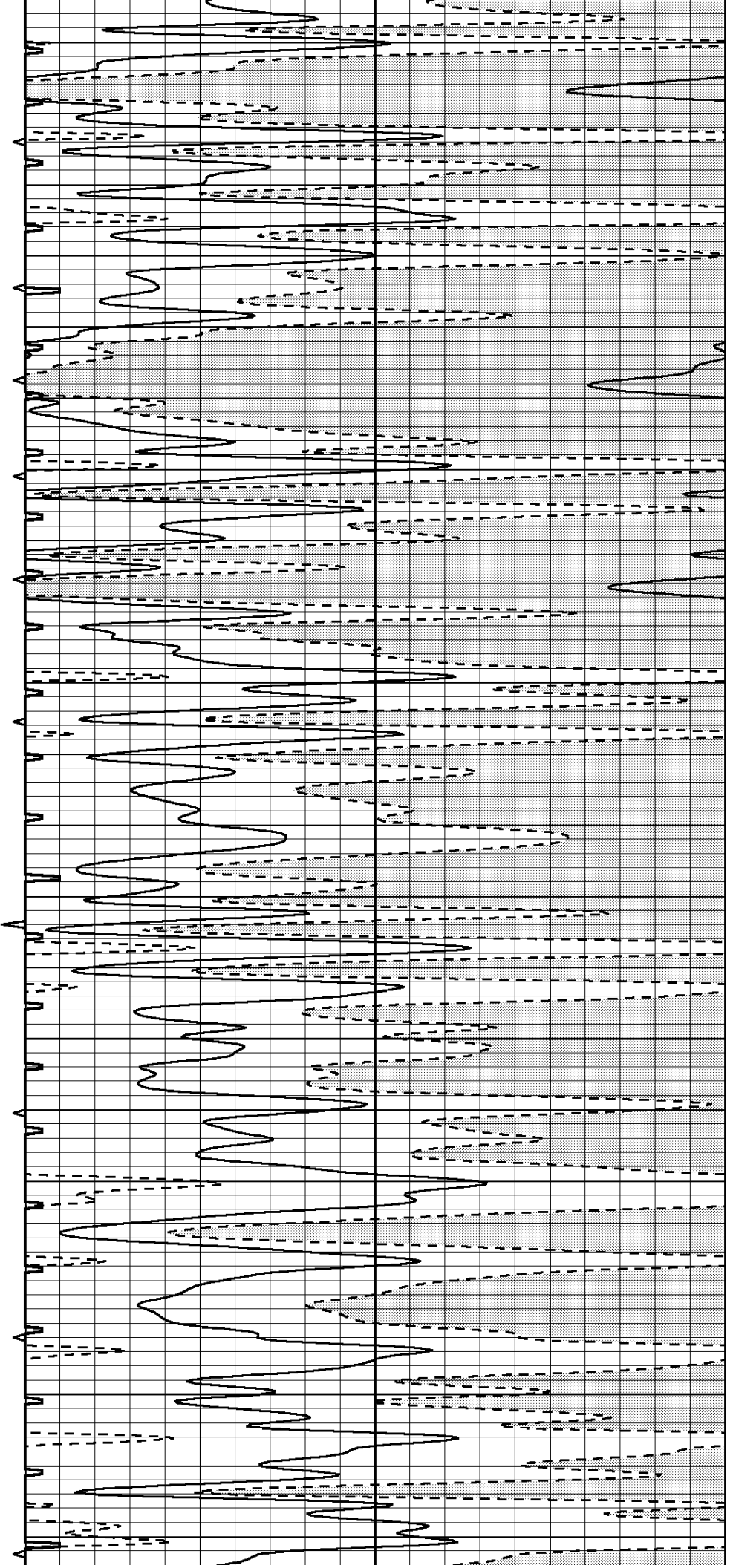


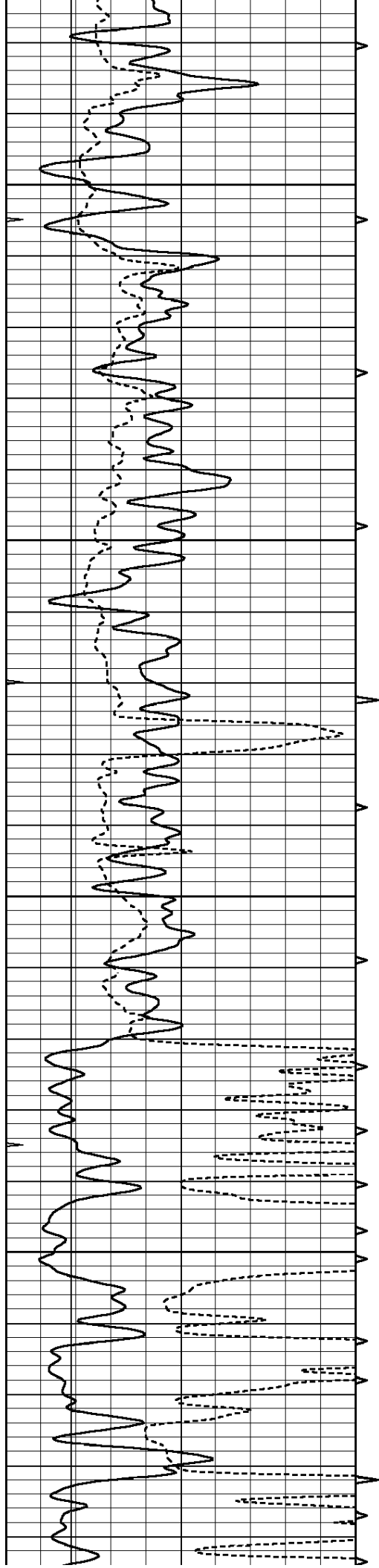
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1750

1800

1850



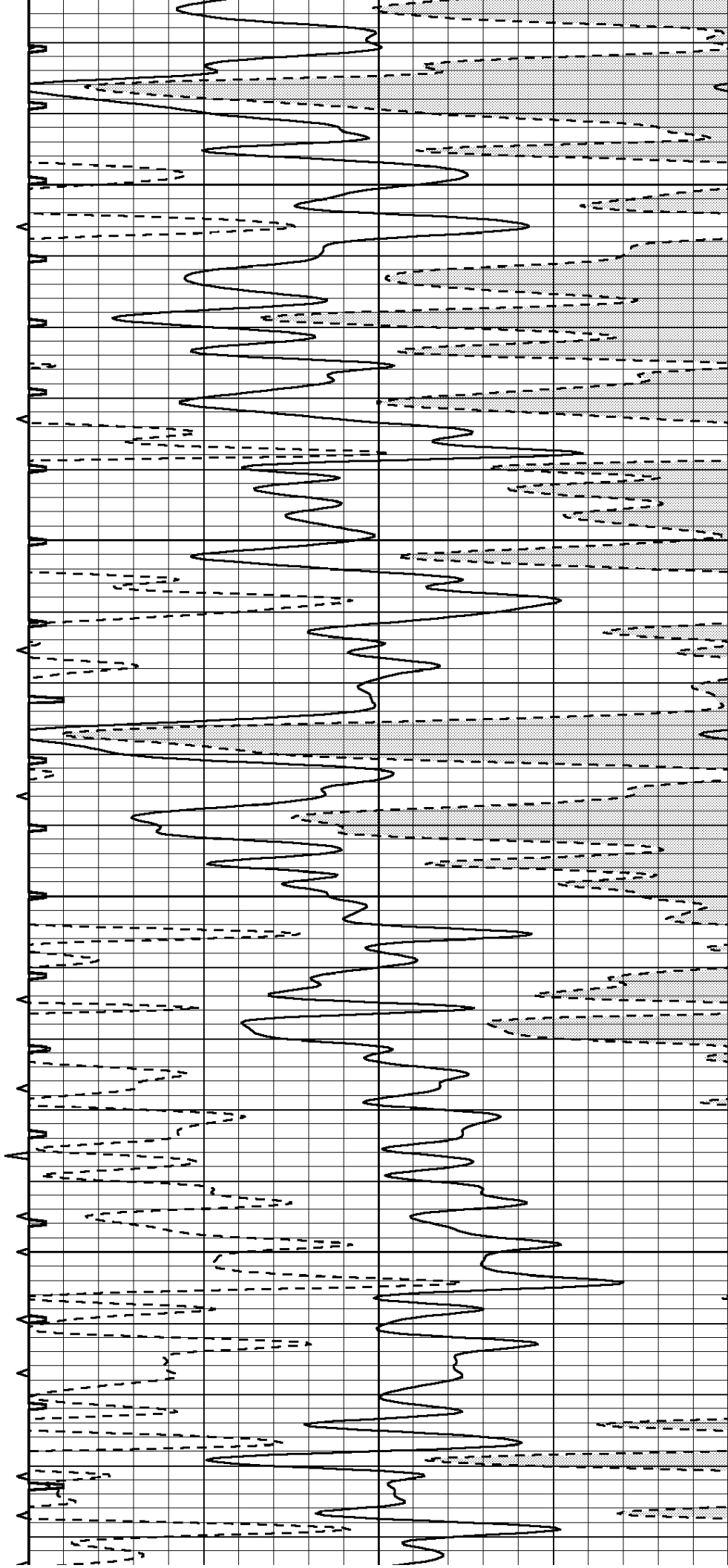


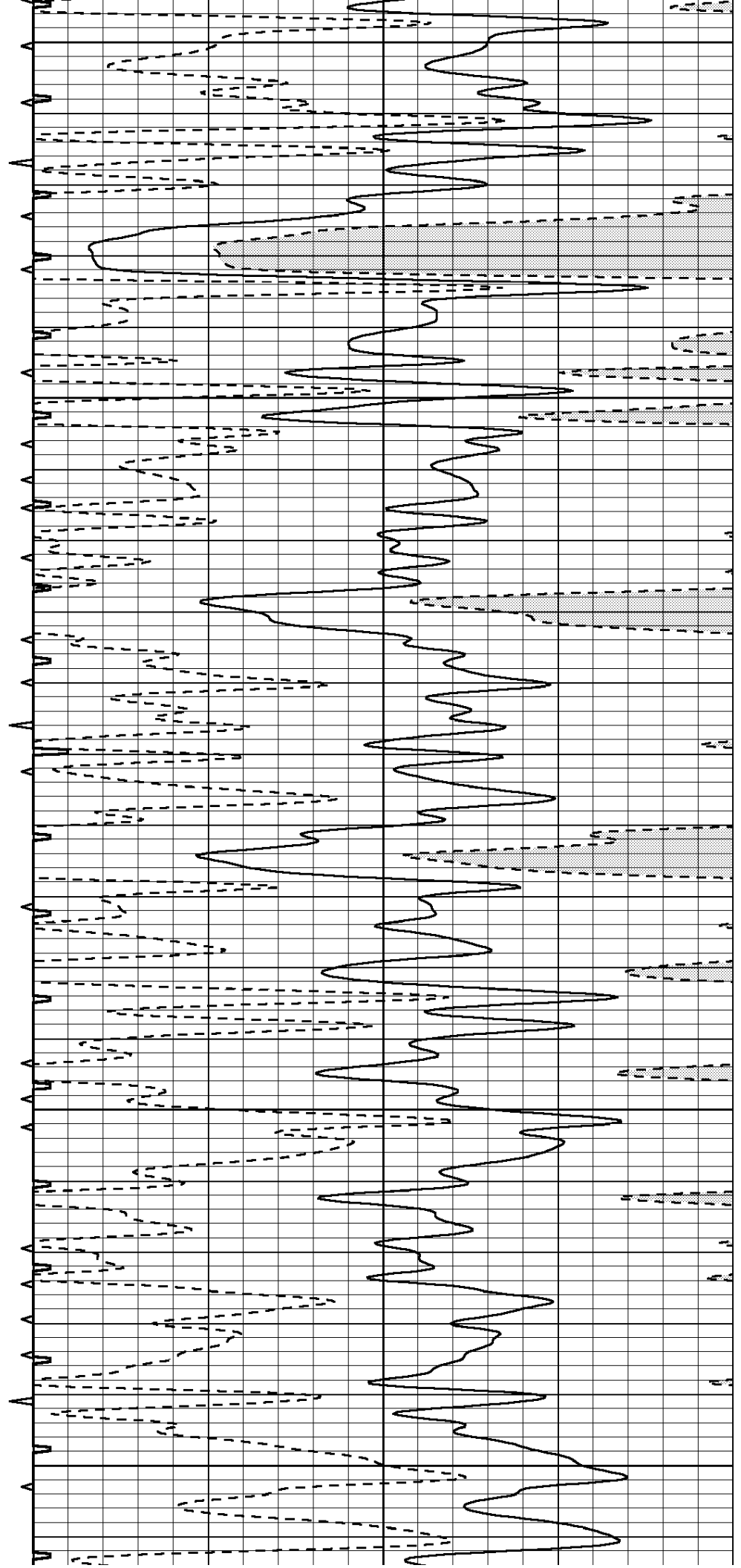
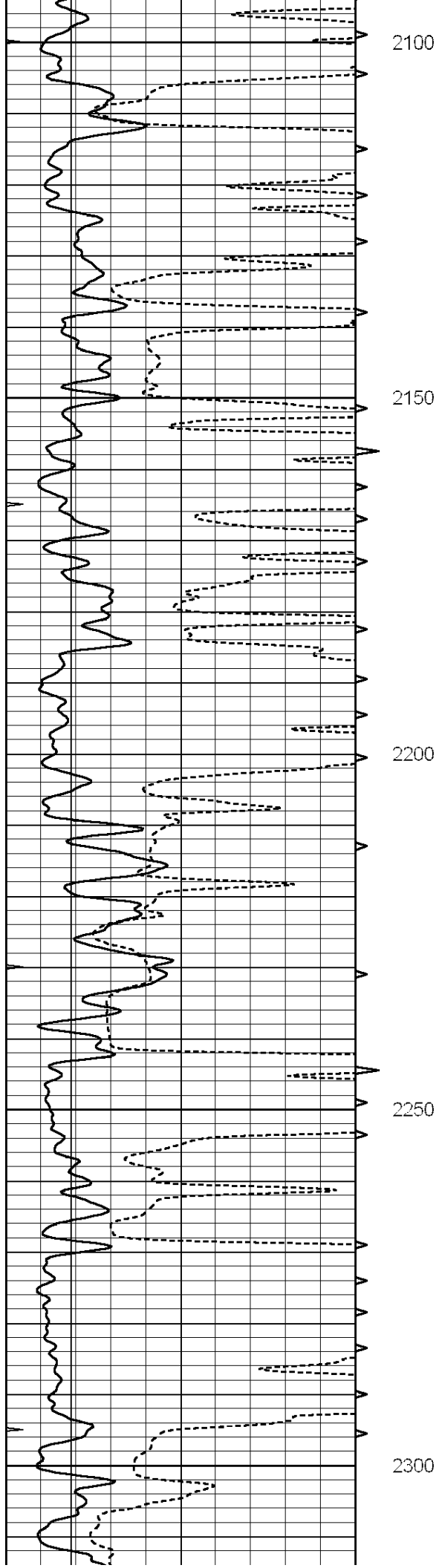
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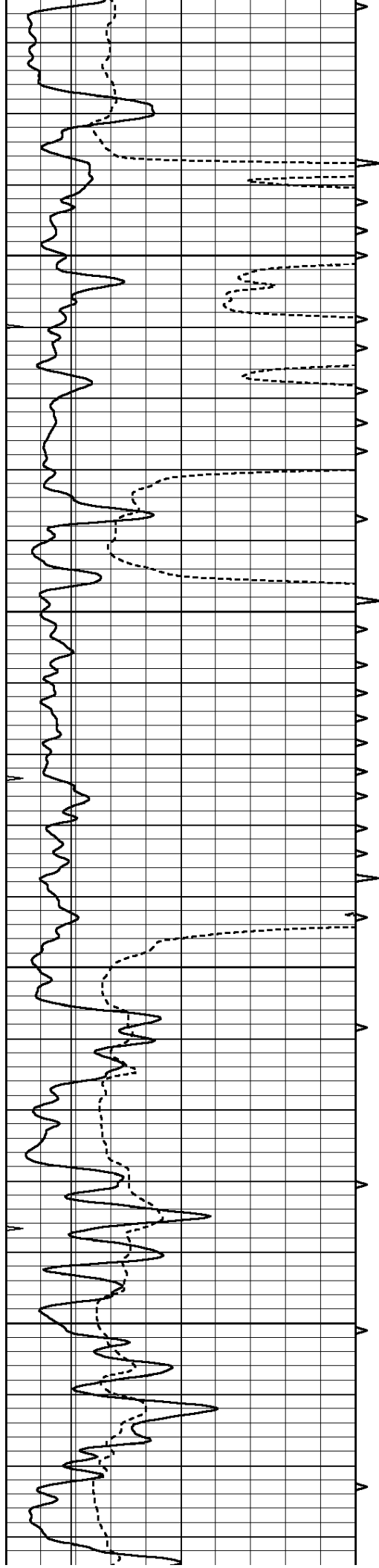
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2050





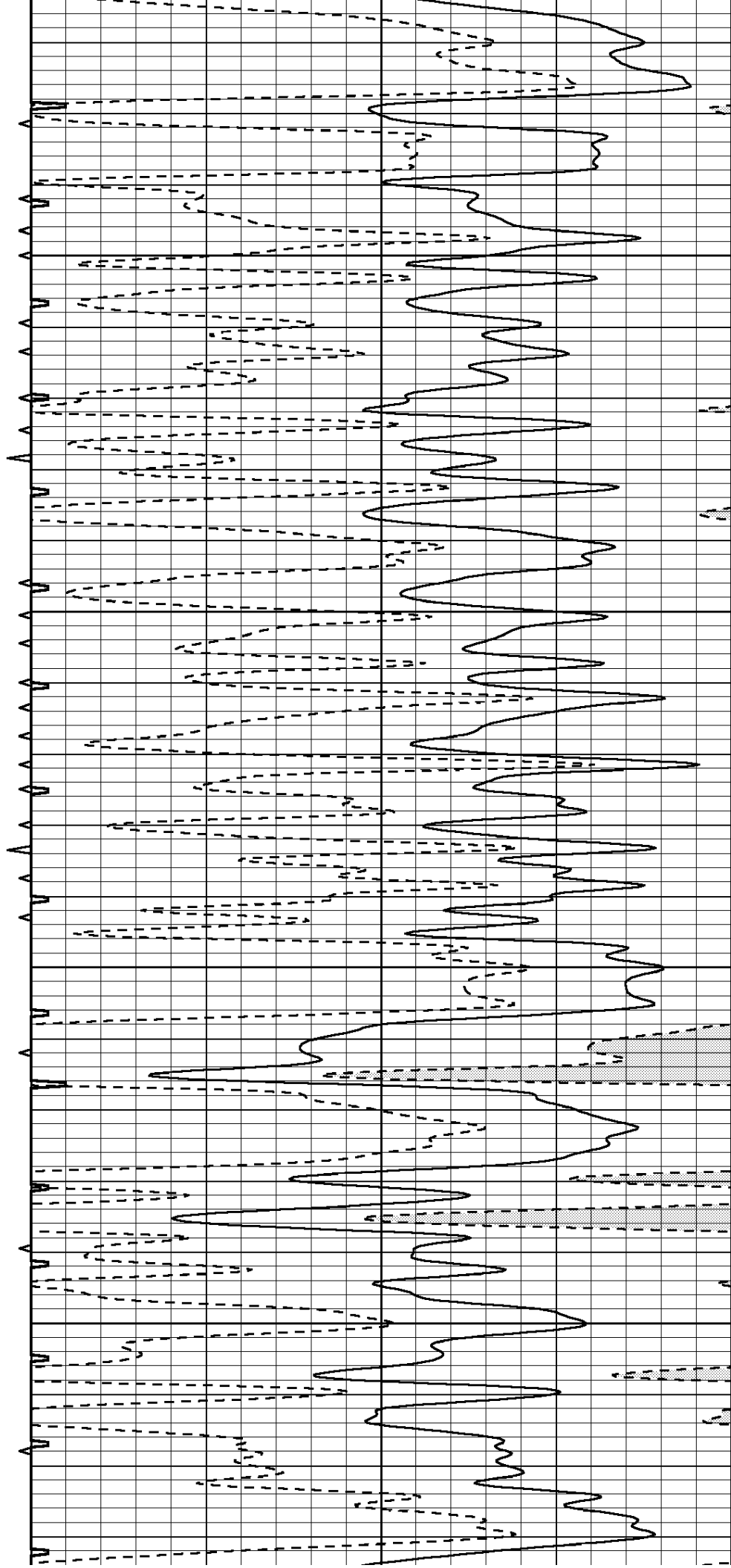


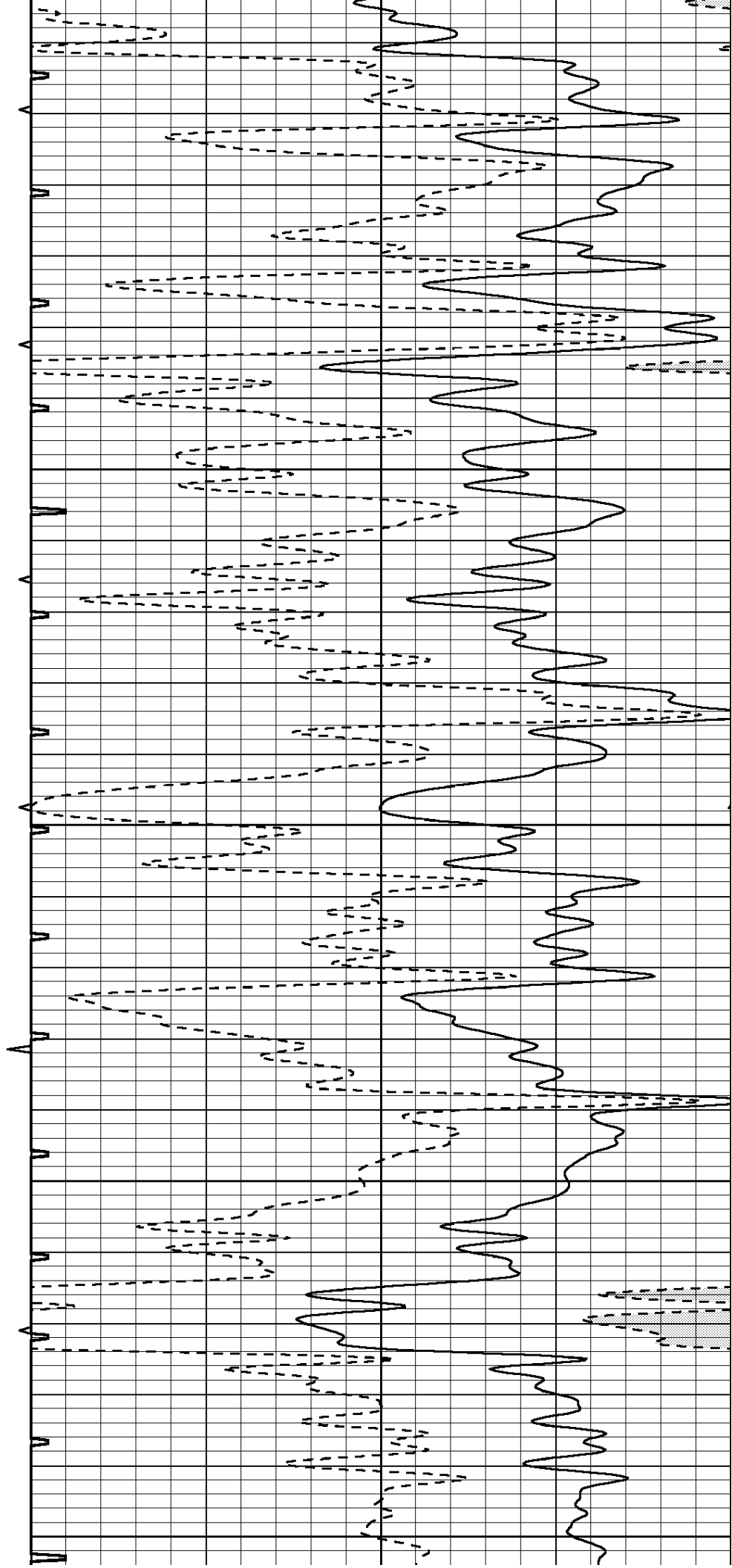
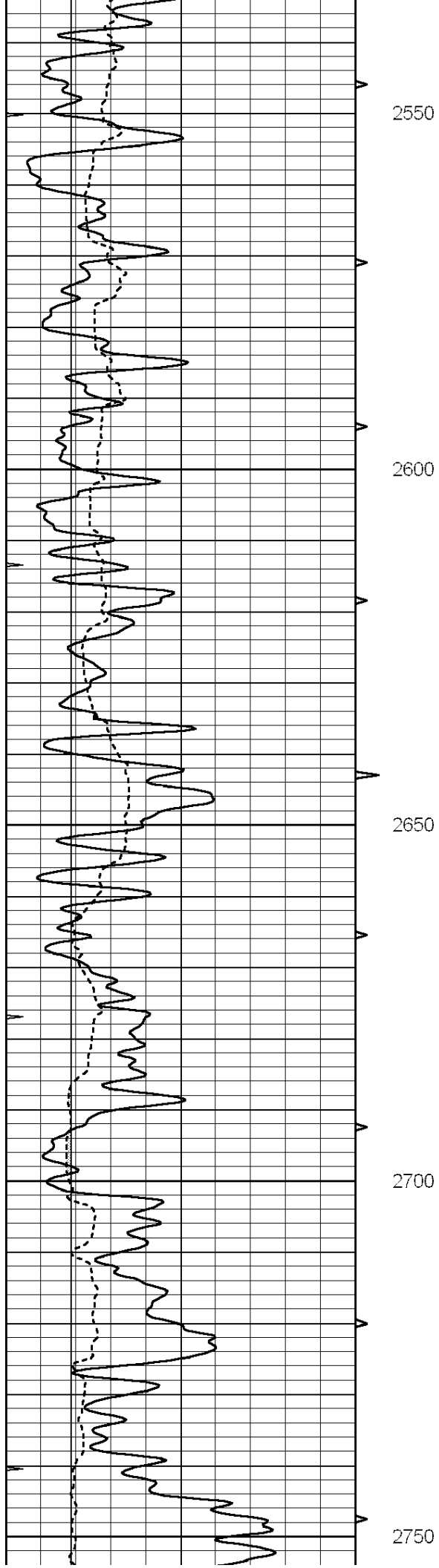
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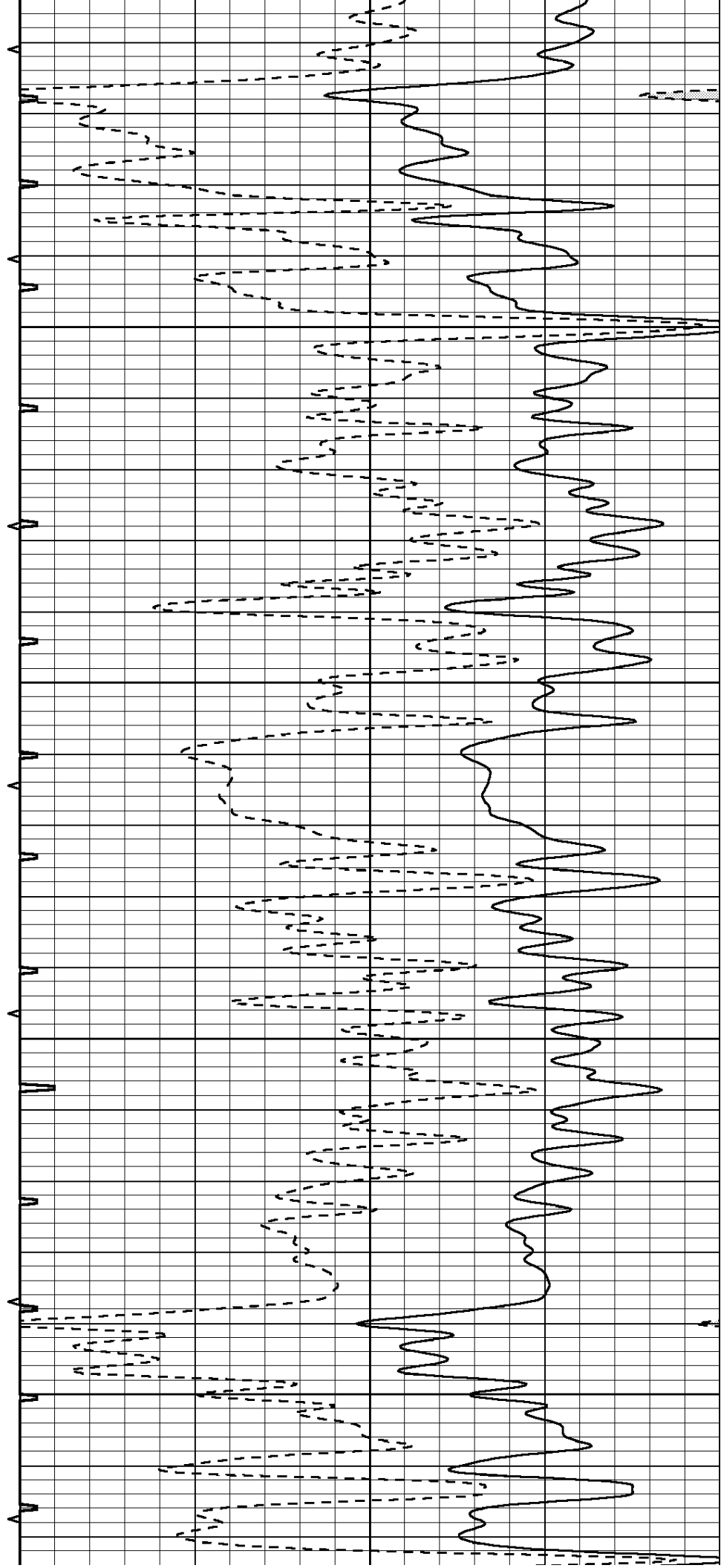
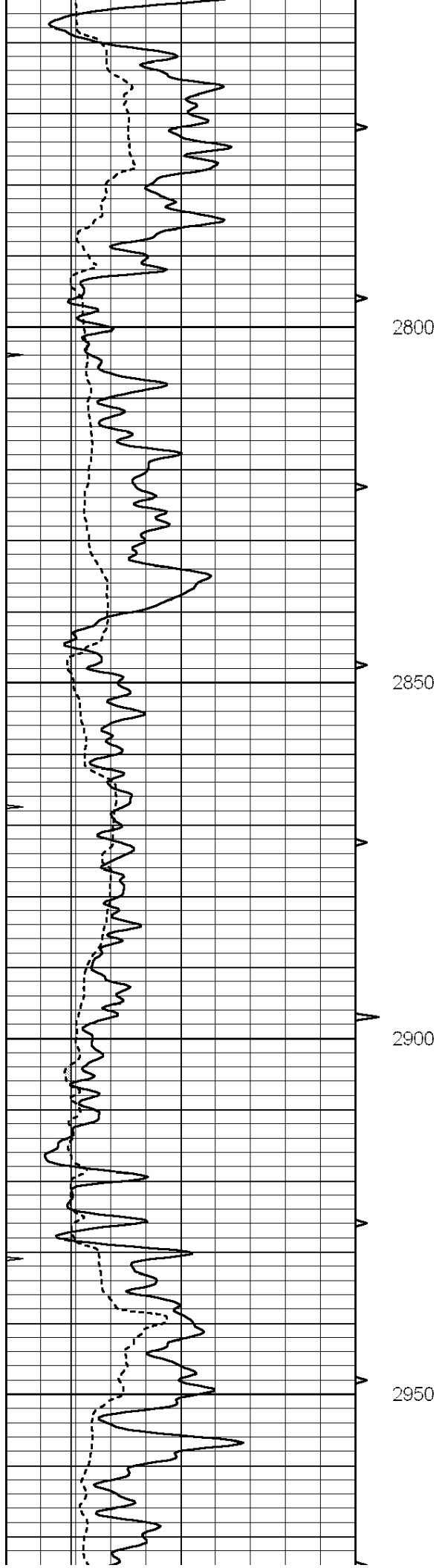
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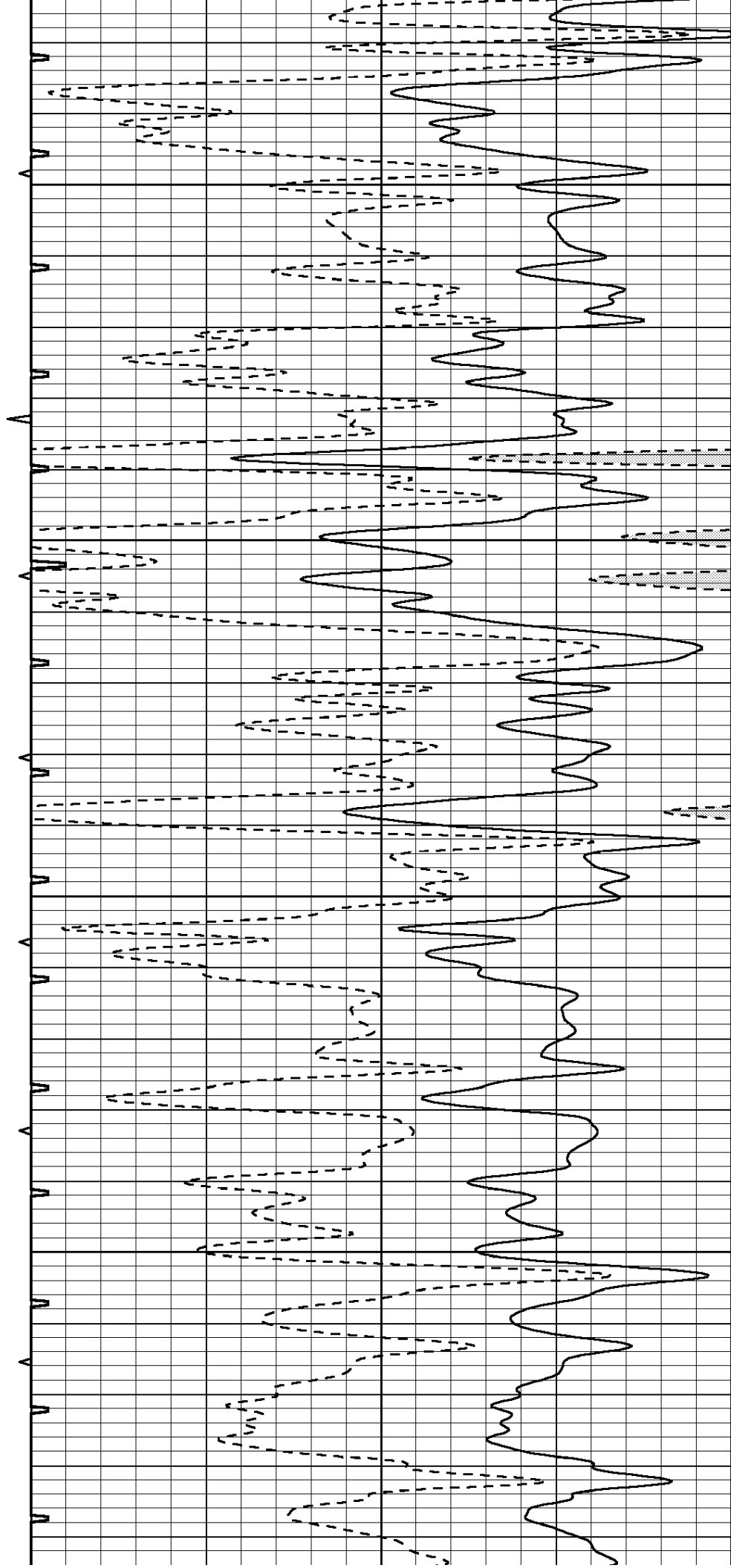
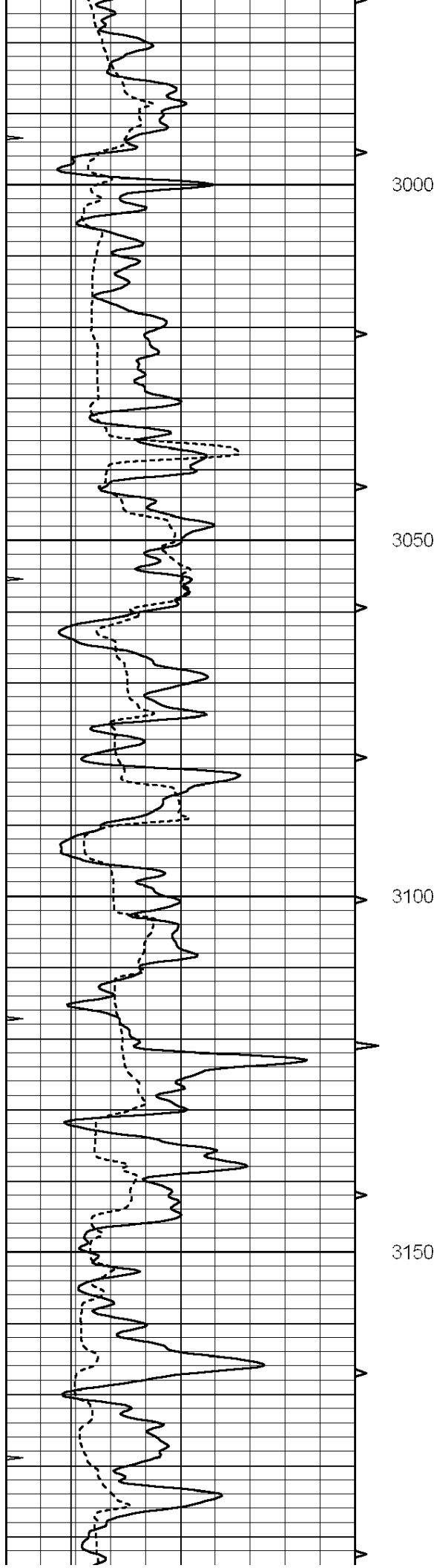
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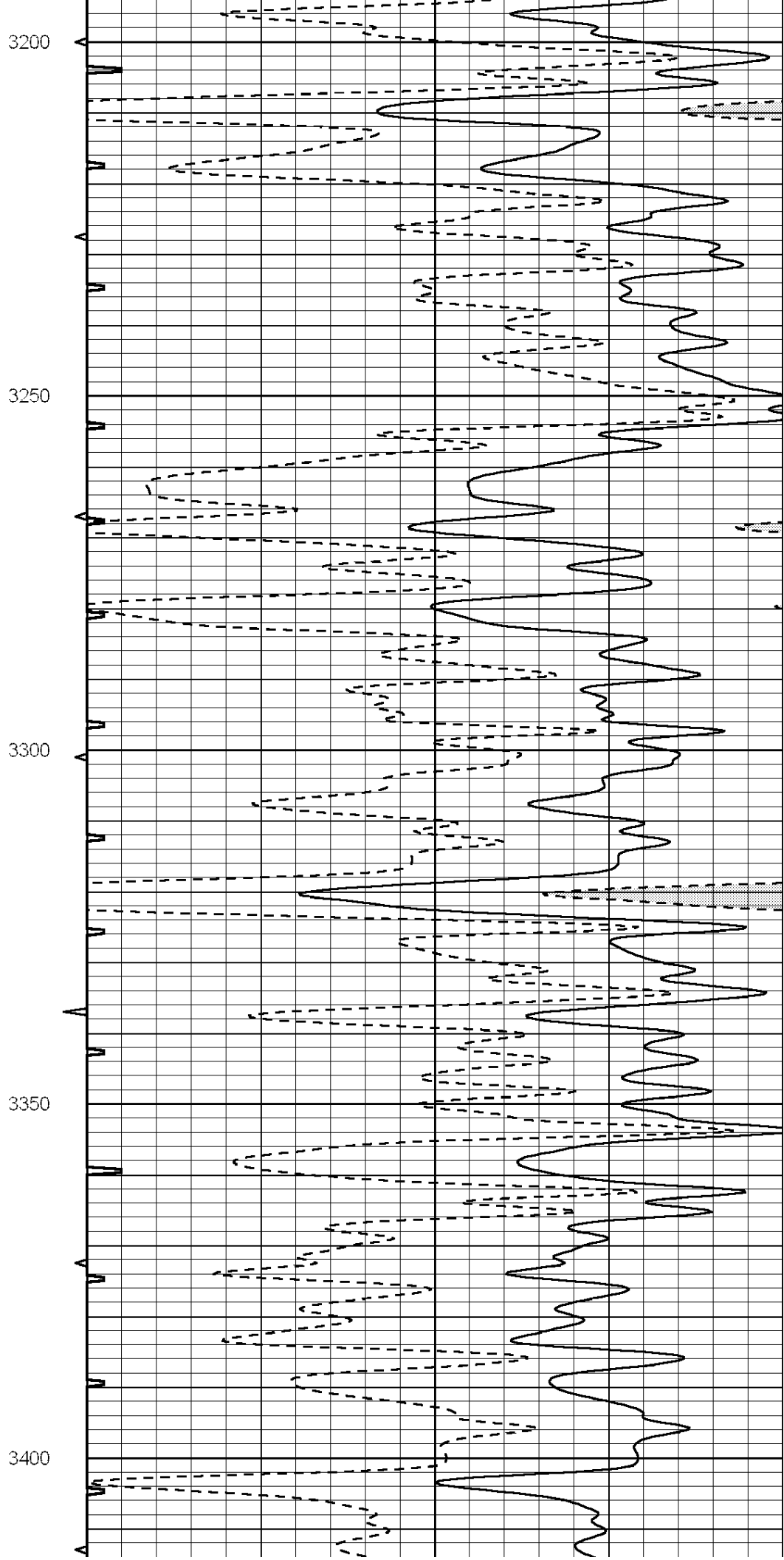
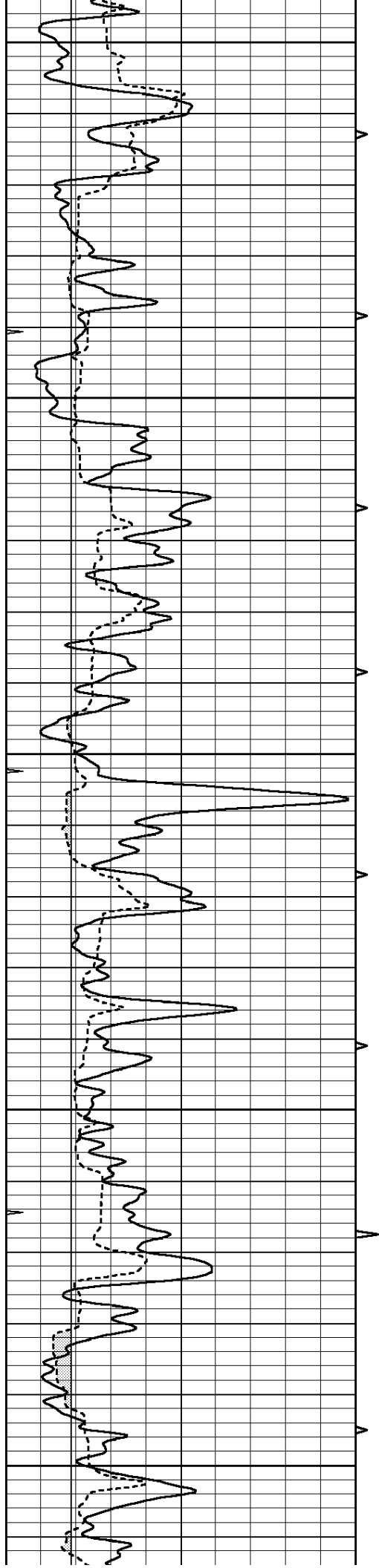
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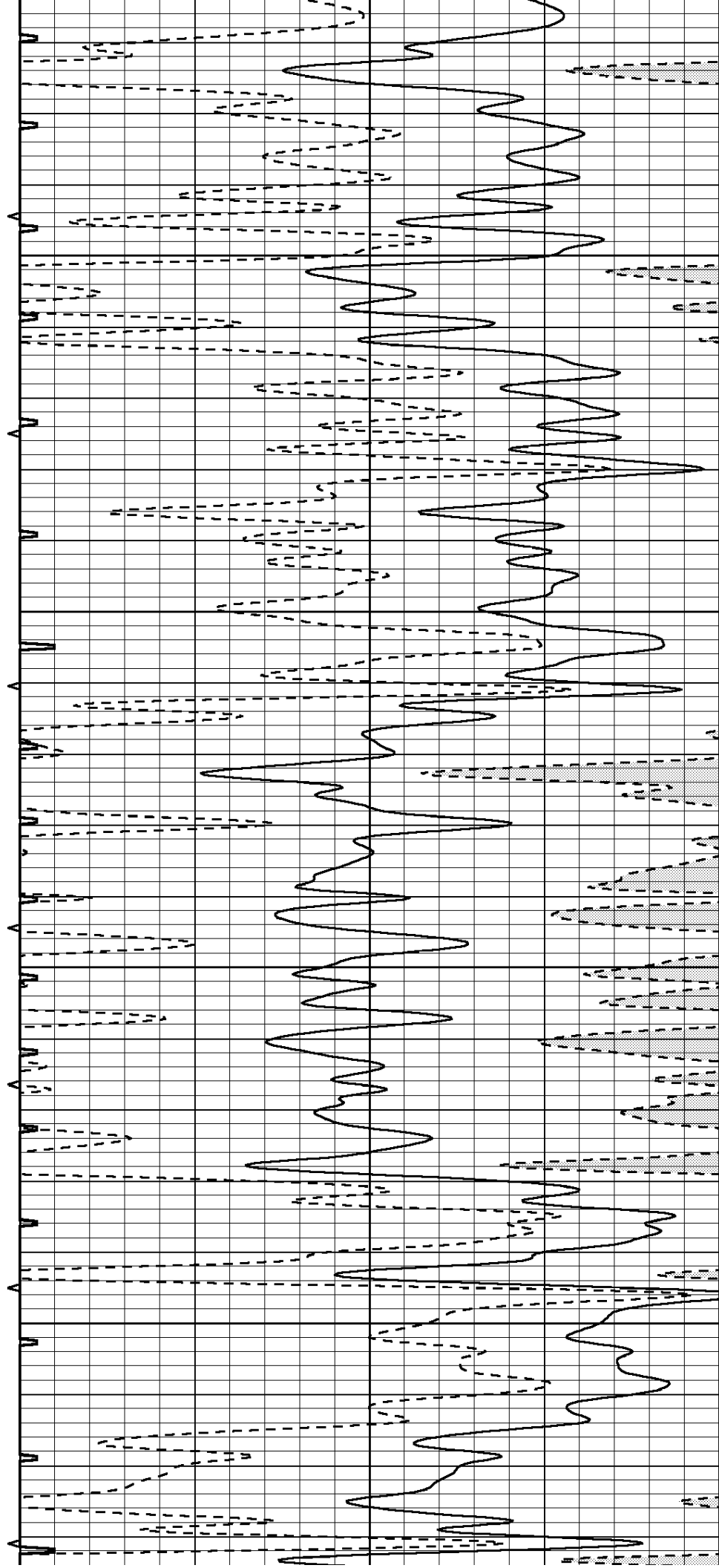
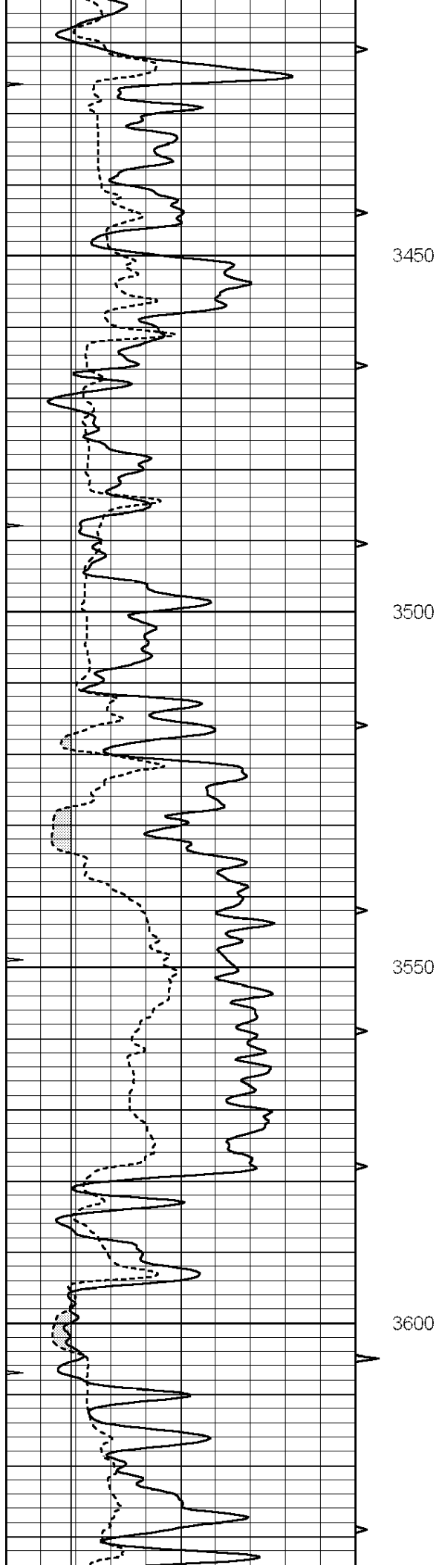


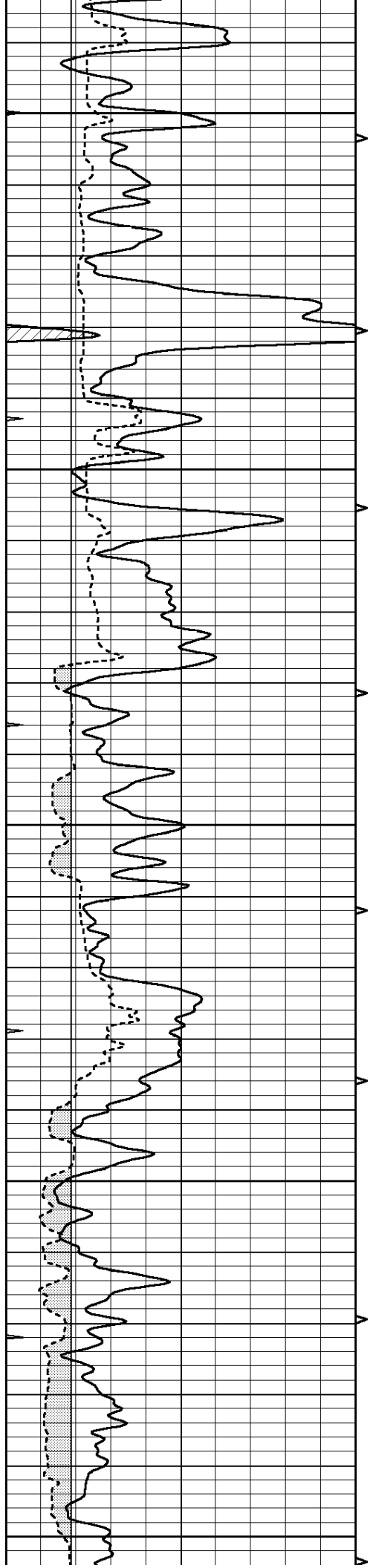












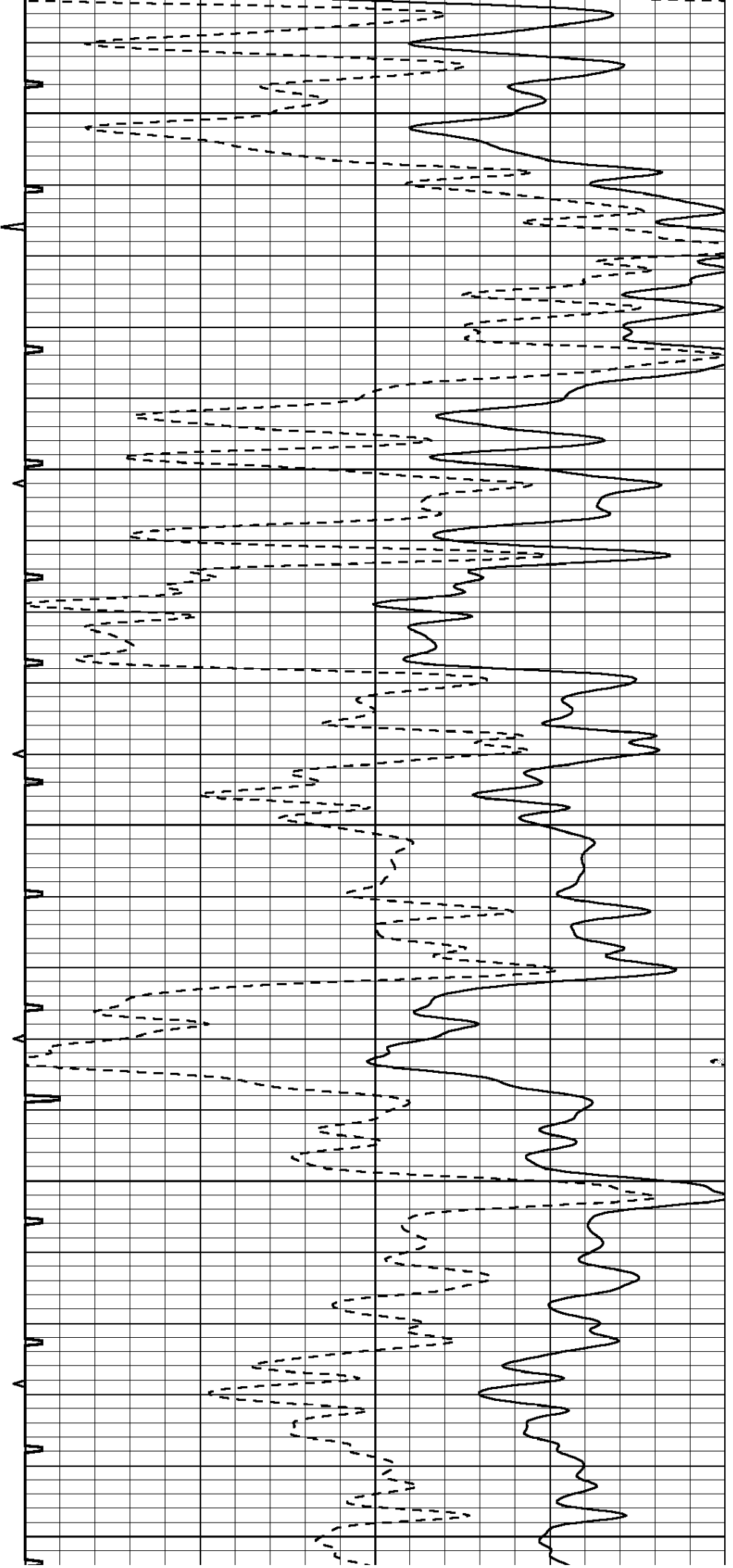
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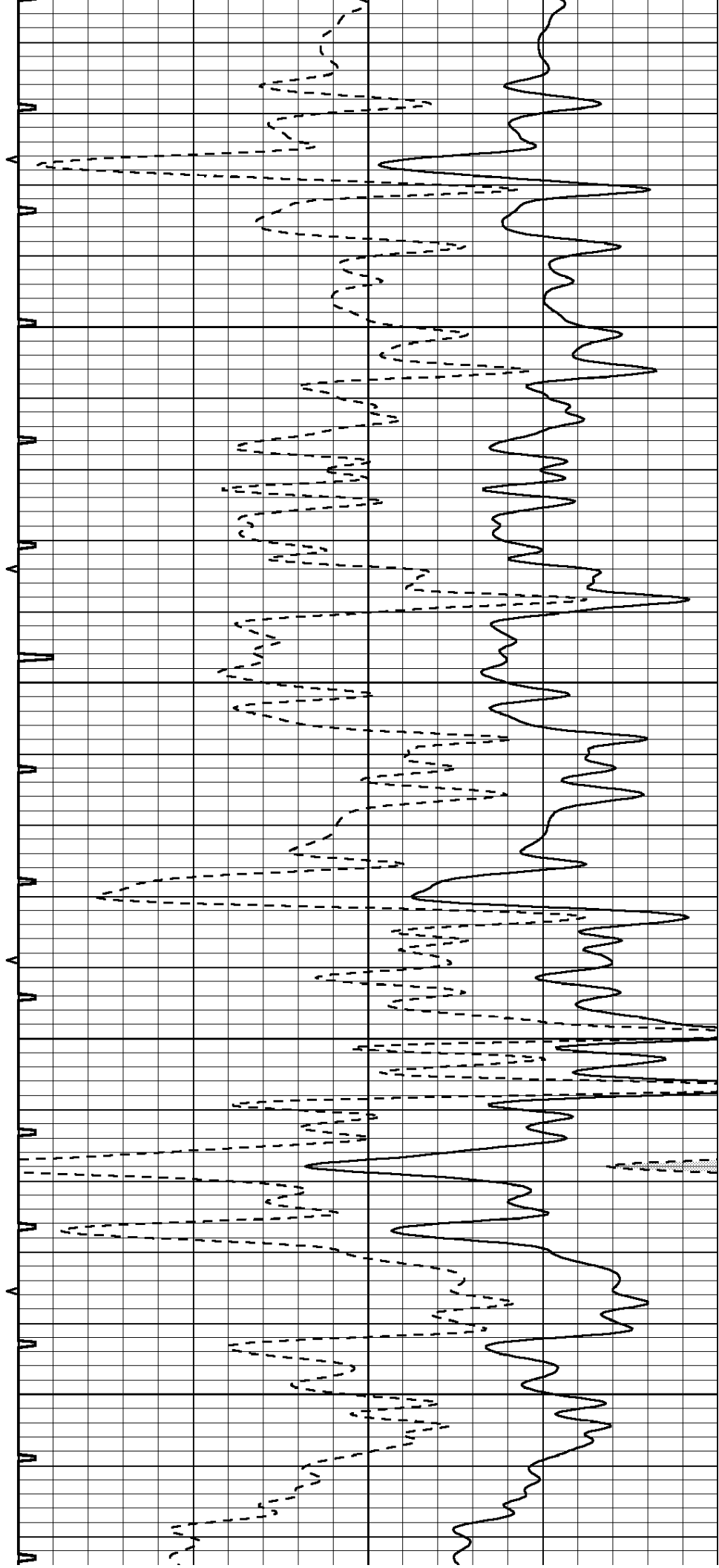
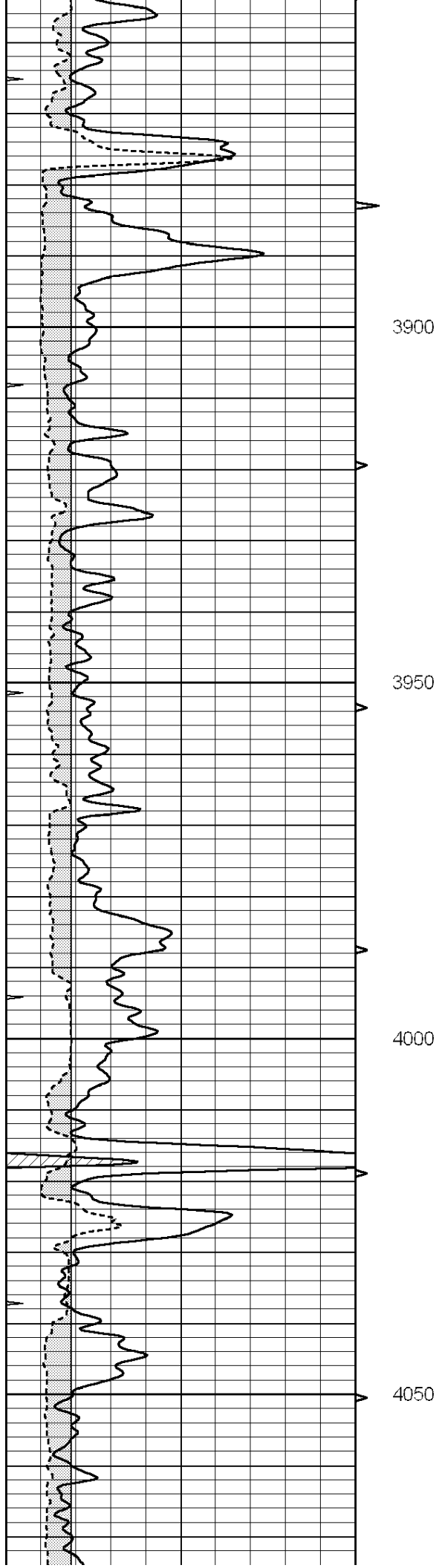
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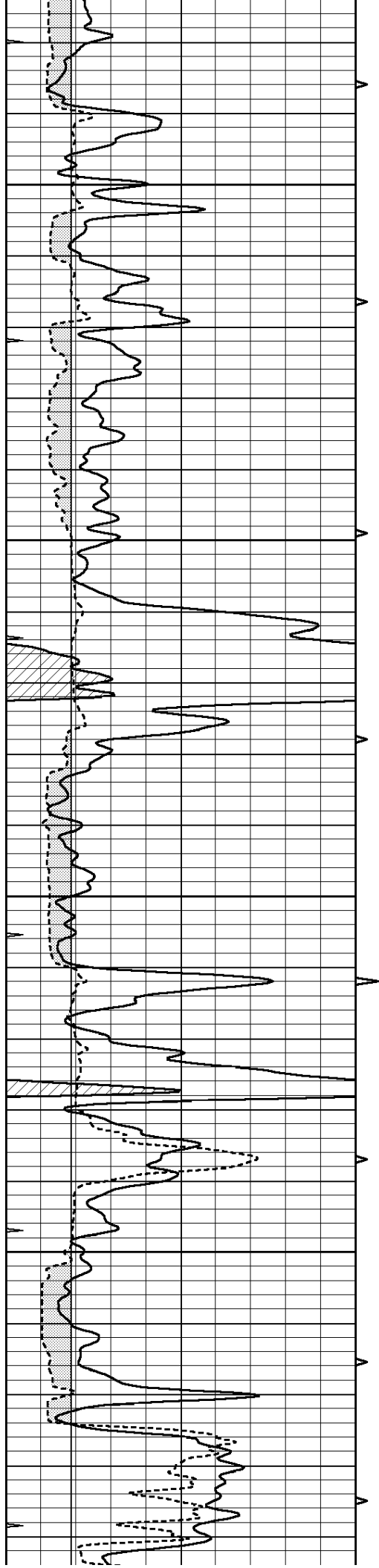
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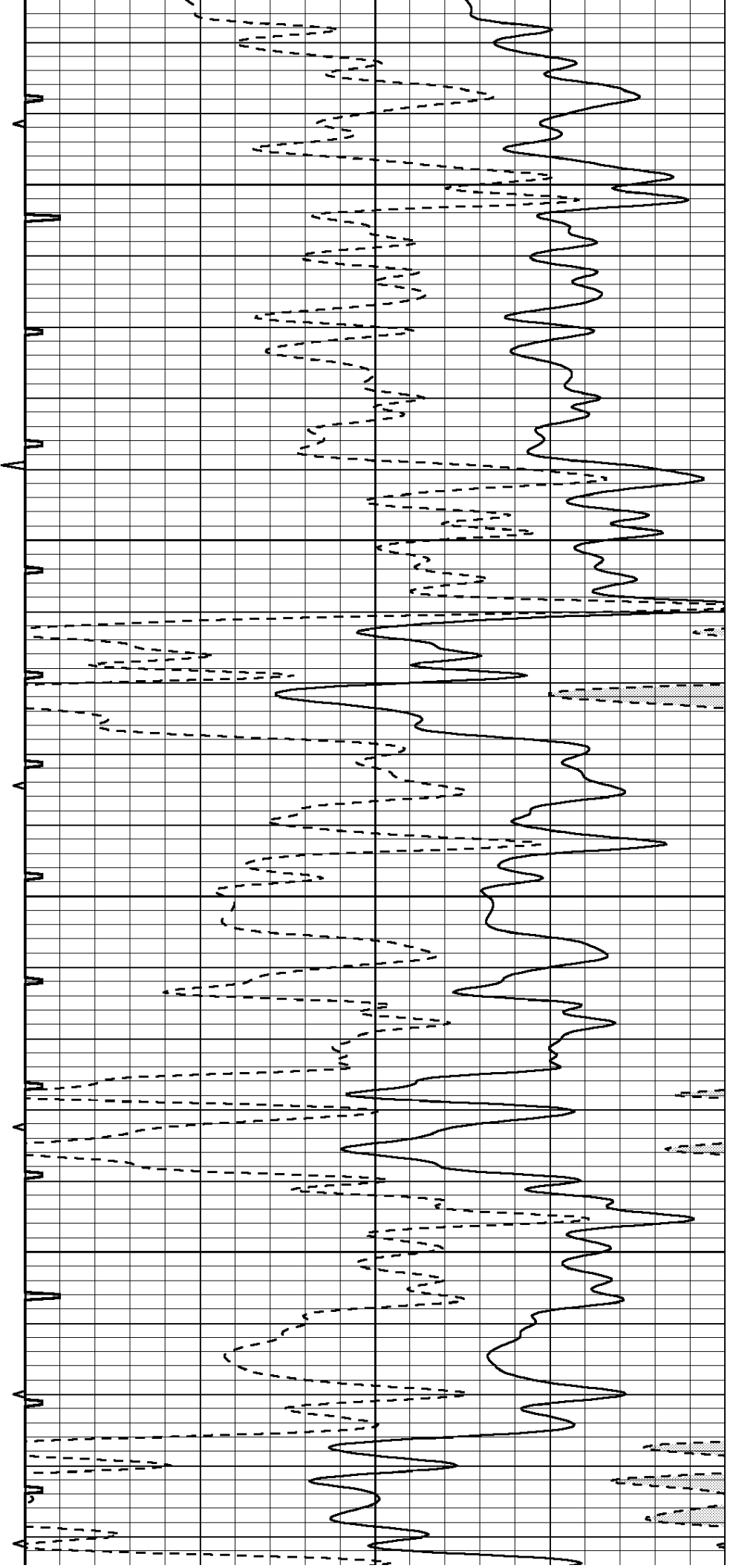


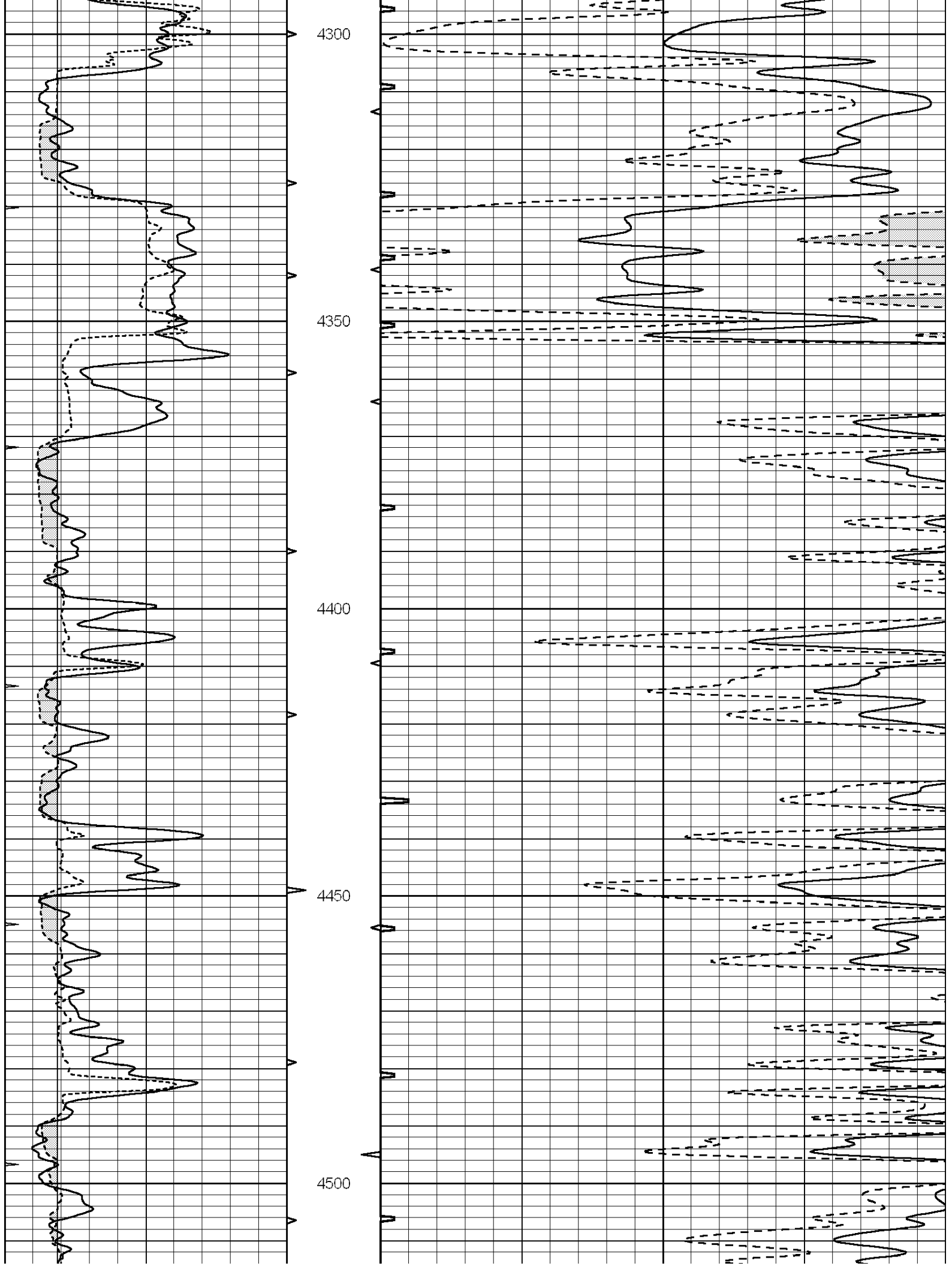
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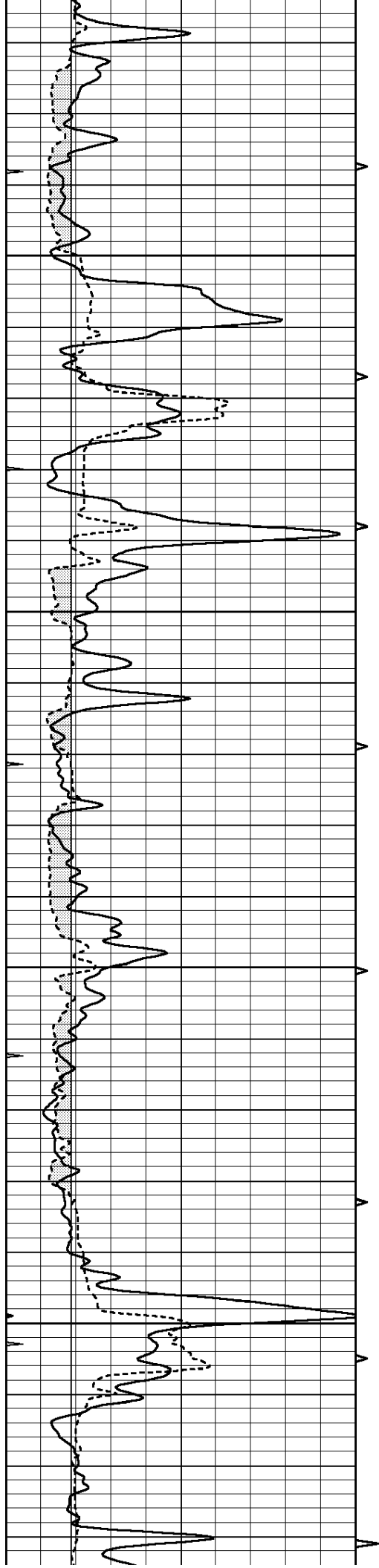
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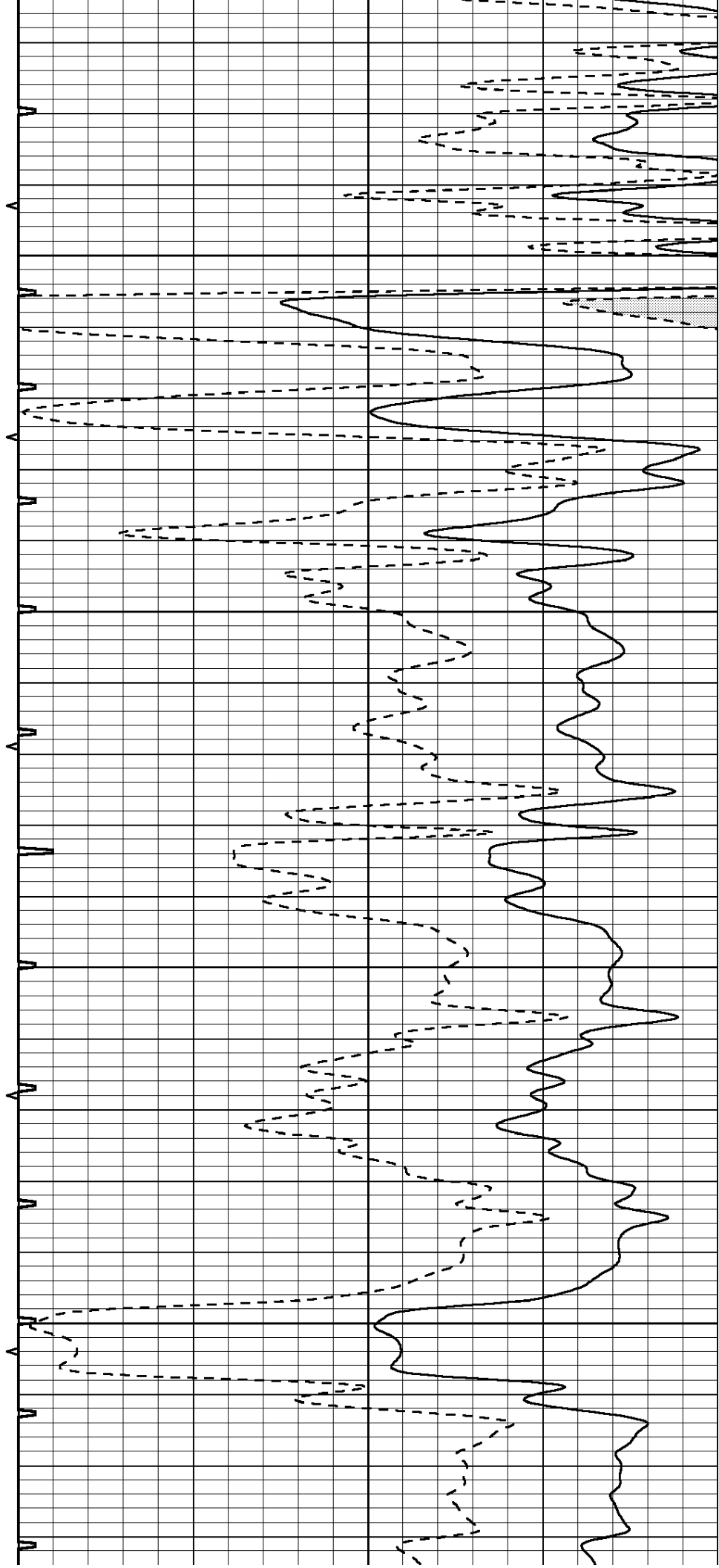


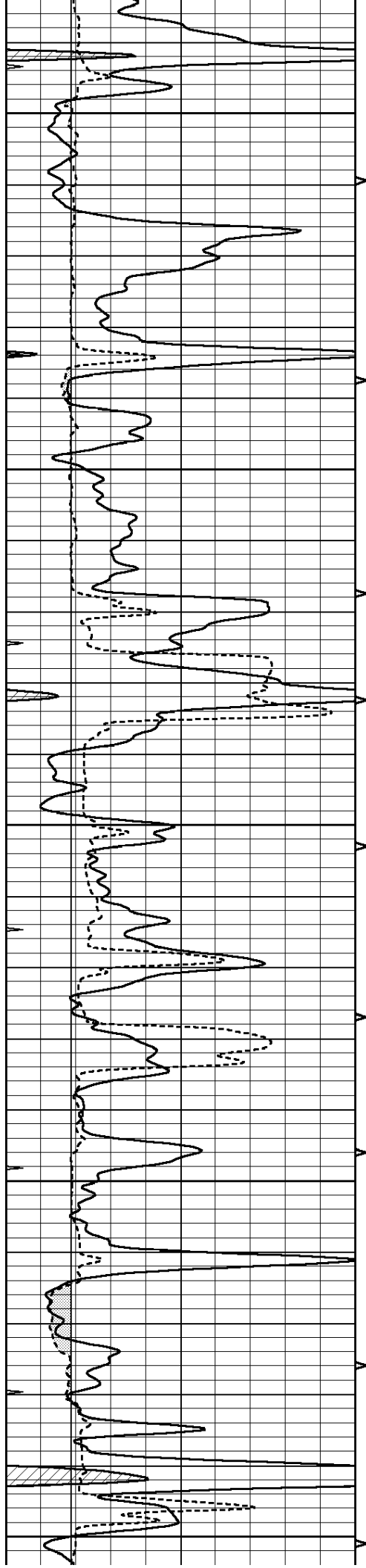
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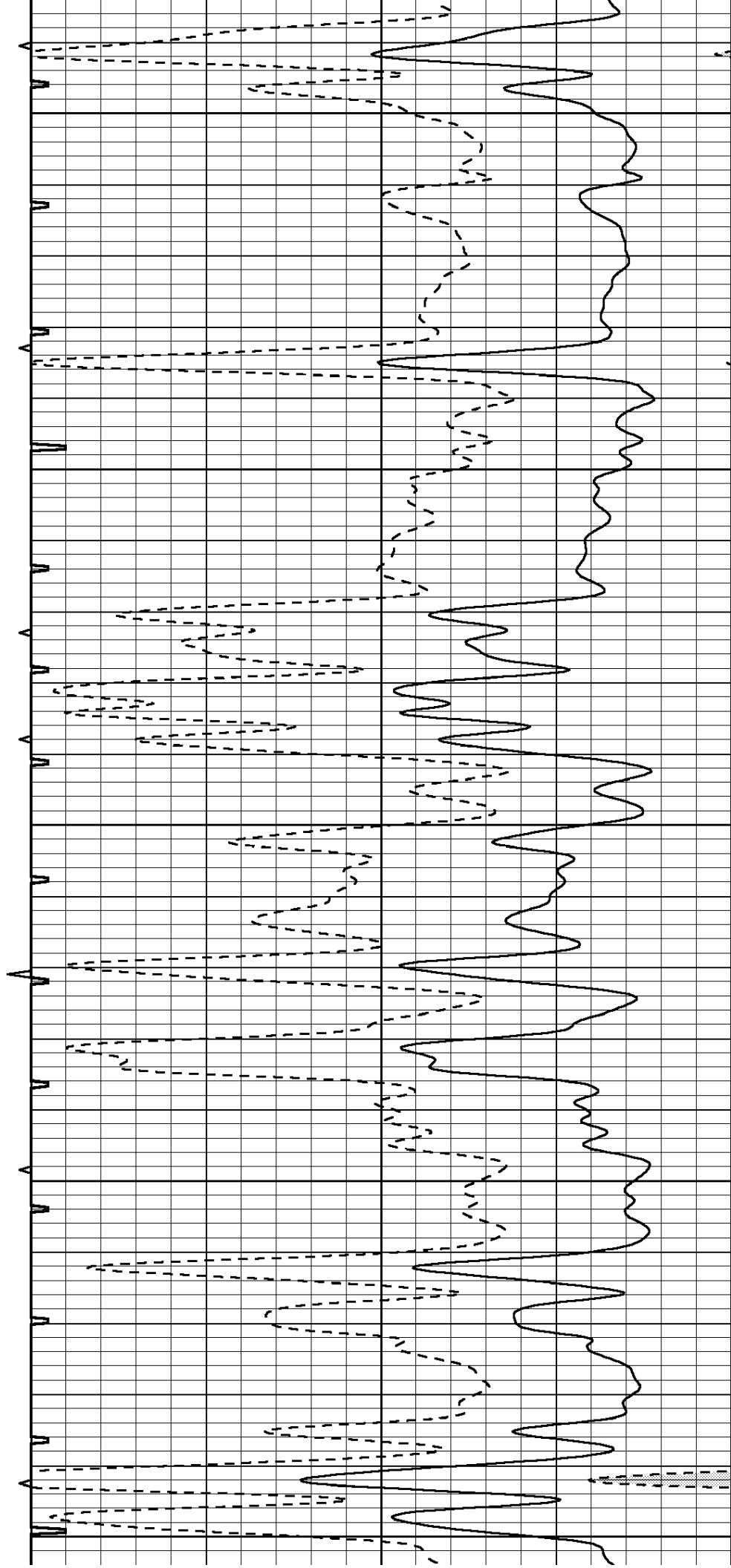
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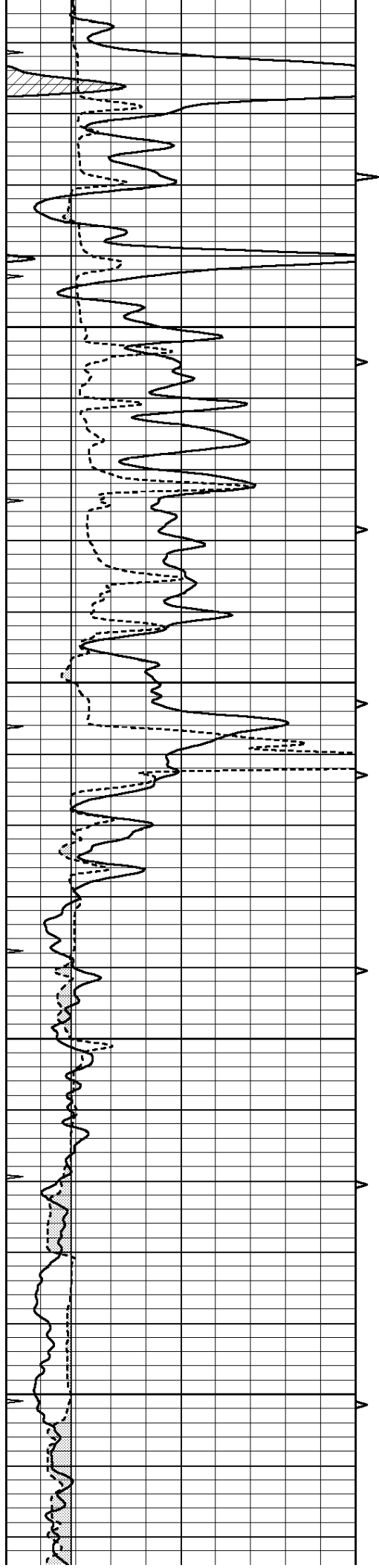
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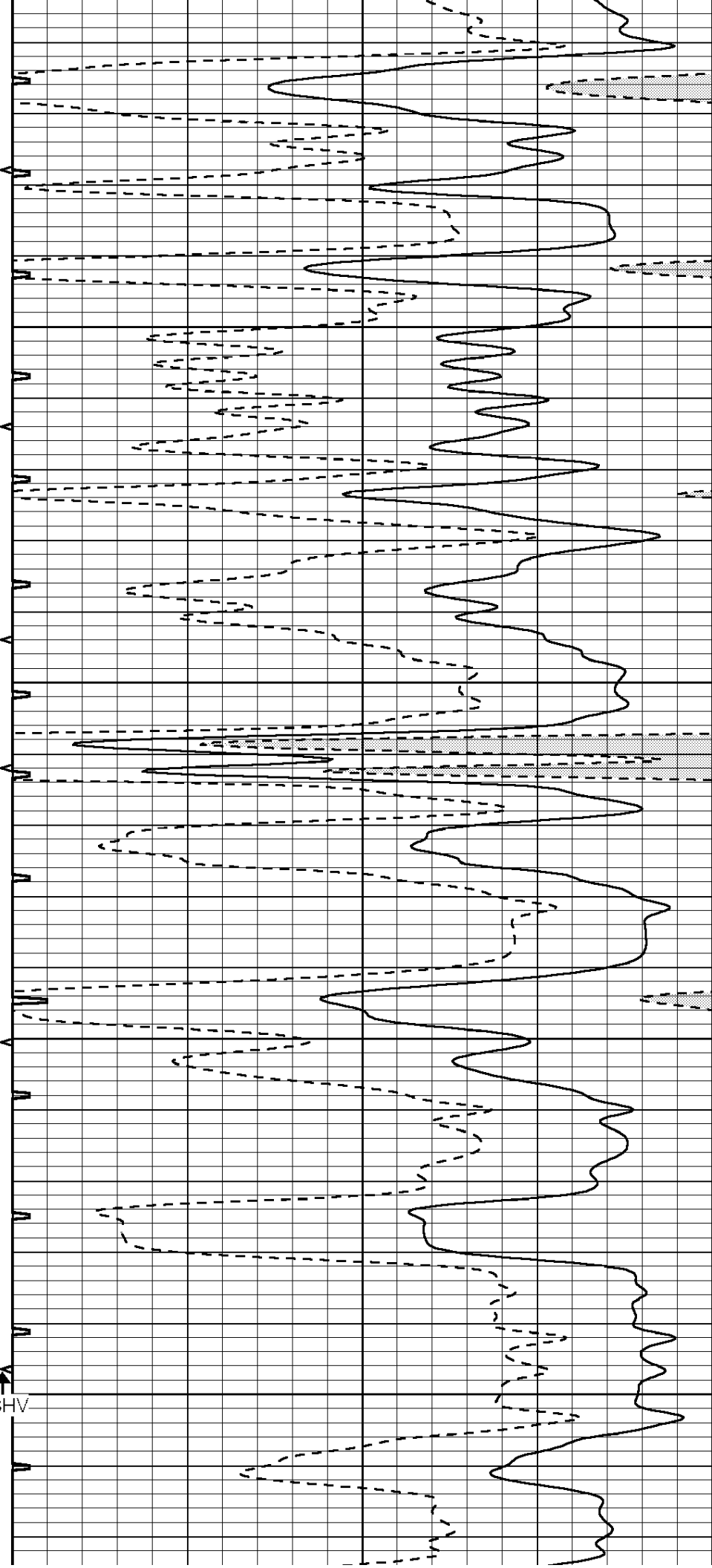


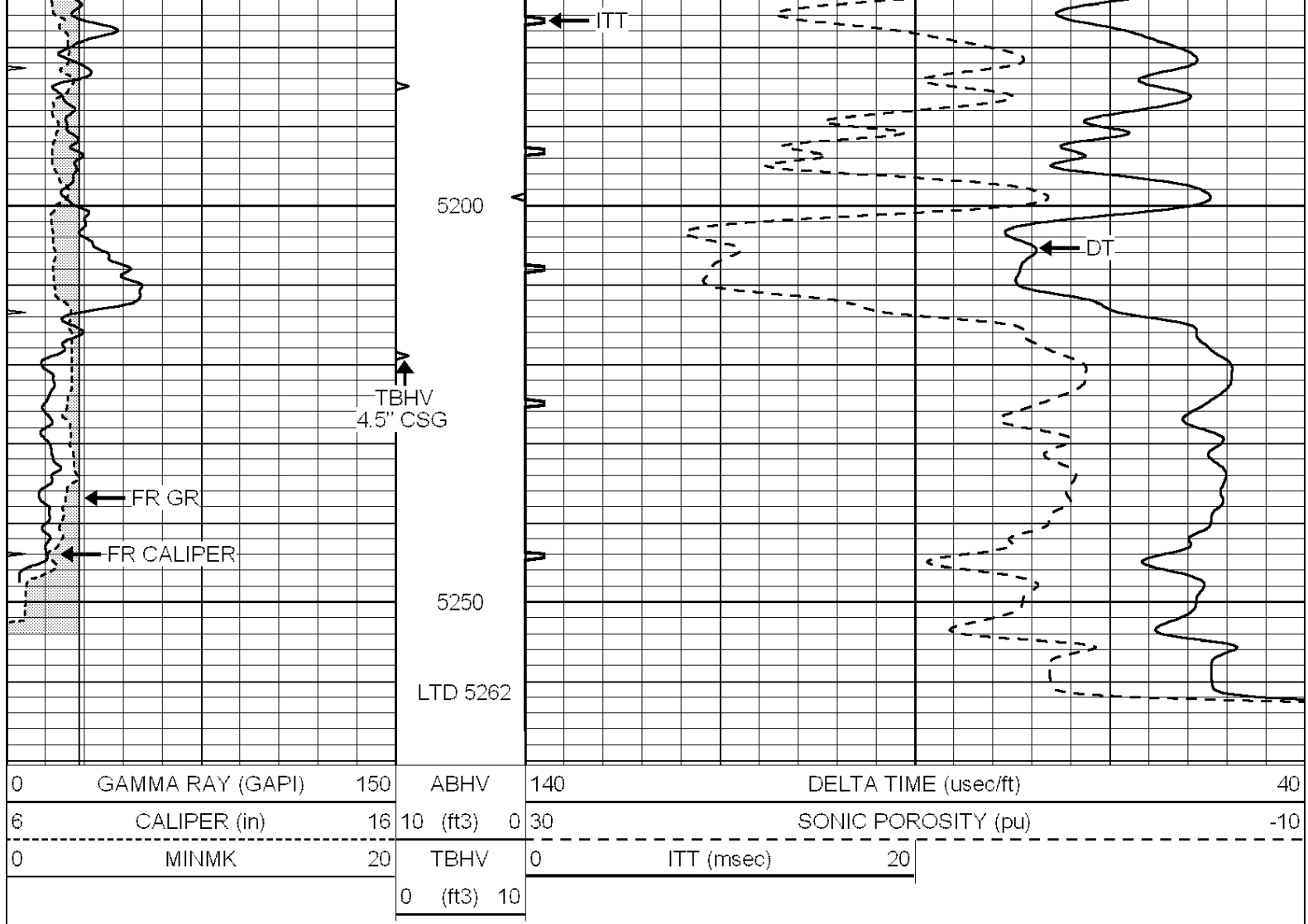
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5050

5100

5150 ABHV





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SERVICES CO.

REPEAT SECTION

Database File: 25910pe.db
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Presentation Format: _slt
Dataset Creation: Sat Nov 08 04:56:43 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

